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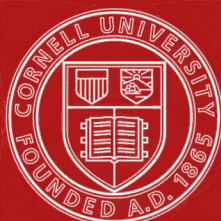
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U. S. DEPARTMENT OF AGRICULTURE.

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CATALOGUE OF PUBLICATIONS

RELATING TO

ENTOMOLOGY

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## LETTER OF TRANSMITTAL.

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U. S. DEPARTMENT OF AGRICULTURE,  
LIBRARY,

*Washington, D. C., June 19, 1905.*

SIR: I have the honor to transmit herewith and to recommend for publication as Bulletin No. 55 of the Library of the Department a manuscript entitled "Catalogue of Publications relating to Entomology in the Library of the U. S. Department of Agriculture." The collection herein catalogued numbers 5,600 titles. Separates from entomological periodicals have not been included. This bulletin is the third contribution toward a subject catalogue of the Library.

Respectfully,

J. A. CLARK,  
*Librarian.*

Hon. JAMES WILSON,  
*Secretary of Agriculture.*

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## BIBLIOGRAPHY.

**Banks, Nathan.** Bibliography of the more important contributions to American economic entomology. Part 6-8. The more important writings published between June 30, 1888, and January 1, 1905. Washington, 1898-1905.

3 pts. 23<sup>cm</sup>. (U. S. Agriculture, Dept. of—Entomology, Division of. [Publication])

Earlier parts completed by Samuel Henshaw.

**Banks, Nathan.** List of works on North American entomology. Washington, 1900.

95 pp. 23<sup>cm</sup>. (U. S. Agriculture, Dept. of—Entomology, Division of. Bulletin, new ser., 24)

**Bethune, Charles James Stewart.** . . . Bibliography of Canadian entomology for the year 1900-03. Toronto, 1901-04.

4 nos. 25<sup>cm</sup>.

From the Transactions of the Royal society of Canada. 2d series—1901-1902, vol. VII, section IV; 1902-1903, vol. VIII, section IV; 1903-1904, vol. IX, section IV; 1904-1905, vol. X, section IV.

**Daday, Jenő.** A magyar állattani irodalom ismertetése 1881-től 1890-ig bezárólag tekintettel a külföldi állattani irodalom magyar vonatkozású termékeire is. Összeállította Dr. Daday Jenő. . . . Budapest, Kiadja a Kir. Magyar természettudományi társulat, 1891.

vii, 307 p. . 26<sup>cm</sup>.

**Dimmock, George.** The writings of Samuel Hubbard Scudder. Comp. and ed. by George Dimmock. Cambridge, Mass., Published by the editor, 1879.

28 p. 24<sup>1</sup>/<sub>2</sub><sup>cm</sup>. (Dimmock's special bibliography, no. 3)

**Durrant, John Hartley.** List, with references, of Lord Walsingham's separata in the library of Nat. Mus. Washington. [n. p., 1899?]

1 p. l., 8 numb. l. 20<sup>cm</sup>.

Manuscript.

**Forbes, Stephen Alfred.** . . . An analytical list of the entomological writings of Wm. Le Baron, M. D., second state entomologist of Illinois. 1850-1874. [Springfield, Ill., 1891]

36 p. front. (port.) 22<sup>1</sup>/<sub>2</sub><sup>cm</sup>. (Appendix to the Seventeenth report of the State entomologist of Illinois)

**Glover, Townend.** Manuscript notes from my journal, or, Entomological index, to names, &c., in agricultural reports, with list of vegetable and animal substances injured or destroyed by insects, &c. . . . Washington, Written by Townend Glover; transferred to and printed from stone by J. C. Entwisle, 1877.

Agr 3—1253

1 p. l., 103 l. 30<sup>cm</sup>.



**Hagen, Hermann August.** *Bibliotheca entomologica. Die litteratur über das ganze gebiet der entomologie, bis zum jahre 1862.* Von Dr. Hermann August Hagen . . . Leipzig, W. Engelmann, 1862-63. 2—19247

2 v. 23 $\frac{1}{2}$ cm.

Alphabetical by authors, with a classified subject index.

Additions and corrections: Kraatz, G. *Ergänzungen und nachträge zu Hagen's Bibliotheca entomologica.* 1. stück. (*In* *Berliner entomologische zeitschrift*, 1874, 18. jahrg., p. 209-226) Schmidt-Göbel, N. H. (*In* *Deutsche entomologische zeitschrift*, 1876, 20. jahrg., p. 145-160) Dalla Torre, K. W. von. *Addenda und corrigenda* III. (*In* *Entomologische nachrichten*, 1881, 7. jahrg., p. 45-48, 163-170)

**Henshaw, Samuel.** *Bibliography of the more important contributions to American economic entomology.* Part 1-5. Washington, 1890-96.

5 pts. 23cm. (U. S. Agriculture, Dept. of—Entomology, Division of. [Publication])

CONTENTS.—pt. 1-3. The more important writings of Benjamin Dann Walsh and Charles Valentine Riley.—pt. 4-5. The more important writings of government and state entomologists, and of other contributors to the literature of American economic entomology.

Later parts comp. by Nathan Banks.

**Henshaw, Samuel.** *Entomological writings of Dr. Alpheus Spring Packard.* Washington, 1887.

49 pp. 23cm. (U. S. Agriculture, Dept. of—Entomology, Division of. Bulletin 16)

**Henshaw, Samuel.** . . . The entomological writings of George H. Horn. Comp. by Samuel Henshaw. Ed. by George Dimmock. Cambridge, Mass., Published by the editor, 1879.

1 p. l., 6 p. 24 $\frac{1}{4}$ cm. (Dimmock's special bibliography, no. 2)

**Henshaw, Samuel.** . . . The entomological writings of John L. Le Conte. Comp. by Samuel Henshaw. Ed. by George Dimmock. Cambridge, Mass., Published by the editor, 1878.

1 p. l., 11 p. 24 $\frac{1}{4}$ cm. (Dimmock's special bibliography, no. 1)

**Janet, Charles.** *Notice sur les travaux scientifiques présentés par M. Charles Janet à l'Académie des sciences au concours de 1896 pour le prix Thore.* [Lille, 1897?]

94 p. illus. 24 $\frac{1}{4}$ cm.

**List of publications by instructors and students in the Entomological laboratory, Leland Stanford junior university, from May, 1894, to May, 1901.** [Stanford university, 1901]

[7] p. 20 $\frac{1}{4}$ cm.

Caption title.

**London, Entomological society of—Library.** *Catalogue of the Library of the Entomological society of London.* Ed. by G. C. Champion . . . assisted by R. McLachlan, F. R. S., and D. Sharp, F. R. S. London, Printed for the Society by Simmons and Botten, 1893.

2 p. l., 312 p. 23cm.

— — — *Supplementary catalogue . . .* Ed. by G. C. Champion . . . assisted by W. F. H. Blandford, F. Z. S., and R. McLachlan, F. R. S. London, Printed for the Society by R. Clay and sons, 1900.

2 p. l., 147 p. 23cm.

**Notice sur les travaux scientifiques de M. Paul Marchal, né à Paris le 27 septembre 1862 . . .** Paris, Typographie Firmin-Didot et cie [1899]

50, [1] p. illus. 27 $\frac{1}{4}$ cm.

**Osten Sacken, Karl Robert Romanovich, baron von.** *Verzeichniss der entomologischen schriften von Camillo Rondani (als nachtrag und fortsetzung zu dem betreffenden artikel in H. A. Hagen's Bibliotheca entomologica) . . .* [Wien, 1881]

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— — — *Berichtigungen und zusätze.* [Wien, 1884]

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**Percheron, Achille Remy.** Bibliographie entomologique, comprenant l'indication par ordre alphabétique de noms d'auteurs: 1° des ouvrages entomologiques publiés en France et à l'étranger, depuis les temps les plus reculés jusques et y compris l'année 1834; 2° des monographies et mémoires contenus dans les recueils, journaux et collections académiques françaises et étrangères; accompagnée de notices sur les ouvrages périodiques, les dictionnaires et les mémoires des sociétés savantes; suivie d'une table méthodique et chronologique des matières; par A. Percheron . . . Paris, J.-B. Baillière, 1837. 4—16814

2 v. 21 $\frac{1}{2}$ cm.

**The principal writings of Dr. Charles Valentine Riley** . . . [n. p., 1893 ?]

9 p. 22 $\frac{1}{2}$ cm.

**Scudder, Samuel Hubbard.** . . . The entomological libraries of the United States. By Samuel Hubbard Scudder . . . Republished from the Bulletin of the library of Harvard university, number 14. [Jan. 1880] Cambridge, Mass., University press: J. Wilson and son, 1880. 2—21318

cover-title, 6 p. 25cm. (Harvard university. Library. Bibliographical contributions, no. 11)

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**United States—Dept. of agriculture—Division of entomology.** Enumeration of the published synopses, catalogues, and lists of North American insects; together with other information intended to assist the student of American entomology. Washington, 1888.

77 p. 23cm. (Its Bulletin 19)

**Van Duzee, Edward P.** Entomological writings by E. P. Van Duzee. [n. p., n. d.]

3 l. 21 x 16 $\frac{1}{2}$ cm.

Typewritten list of works.

**Yves, Aimé.** Notice sur les ouvrages scientifiques de M. Ernest Olivier . . . par MM. Yves et Francis Pérot. Montluçon, Imprimerie du "Centre médical," 1896.

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## DICTIONARIES.

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1 p. l., 37, [1] p. 22cm.

From the Bulletin of the Brooklyn entomological society.

**Encyclopédie méthodique.** Histoire naturelle. Tome 4[–10] Insectes. Paris, Panckoucke; [etc., etc.] 1789–1825 [1828]

7 v. in 15. 27cm. and atlas of 397 (i. e. 398) pl. (1 double) 30cm.

Plates, accompanied by 142, 38 p. of explanatory text, bound in 4 v.

For further particulars of publication, etc., see Catalogue of the British museum (natural history), p. 527.

**CONTENTS.**—4 (tome 1 of Insectes). Discours préliminaire et plan du dictionnaire des insectes, par M. Mauduyt. Introduction [and A-Bom], par M. Olivier. 1789.—5-8. Bom-Pap, par M. Olivier. 1790–1811 [1812].—9. Papillon, par M. Latreille et M. Godart. 1819[–24].—10. Pap-Z, par MM. Latreille, Le Peletier de Saint-Fargeau, Serville et Guérin. 1825[–28]

**Müller, Julius.** Terminologia entomologica. Ein handbuch sowohl für den angehenden entomologen als auch für den fachmann. Nach dem neuesten standpunkte dieser wissenschaft bearb. von Julius Müller . . . 2. Aufl. Brünn, C. Wini-ker, 1872.

vi, 306 p. 33 pl. (1 col.) 19<sup>cm</sup>.

## GENERAL ENTOMOLOGY.

**Aldrovandus, Ulysses.** De animalibus insectis libri septem, cum singulorum iconibus ad viuum expressis. Autore Vlysse Aldrovando . . . Cum indice copiosis-  
simo . . . Bonon., apud I. B. Bellagambam, 1602.

5 p. l., 767, 43 p. illus., 1 port. 35½<sup>cm</sup>.

Engr. t.-p.

**Boitard, Pierre.** Manuel d'entomologie, ou Histoire naturelle des insectes, con-tenant la synonymie et la description de la plus grande partie des espèces d'Europe et des espèces exotiques les plus remarquables; par M. Boitard . . . Paris, Roret, 1828.

Agr 4—200

2 v. 14½<sup>cm</sup>.

**Bouché, Peter Friedrich.** Beiträge zur insectenkunde, von P. Fr. Bouché. (Bei der Akademie eingegangen im november und december 1833). . . [Halle, 1835?]

16 p. 30<sup>cm</sup>.

Acta Acad. Cæs. Leop. Carol. nat. cur. vol. XVII. P. I.

**Bouvier, Eugène Louis.** Instructions pour la recherche des animaux articulés, par MM. E.-L. Bouvier & Ch. Brongniart. (Leçons faites au Muséum d'histoire naturelle) Autun, 1896.

2 p. l., 63 p. illus. 25<sup>cm</sup>.

"Extrait du Bulletin de la Société d'histoire naturelle d'Autun, t. 9 (année 1896)"

CONTENTS.—Introduction.—1. ptie. Myriapodes, arachnides et crustacés.—2. ptie. Insectes.

**Brauer, Friedrich.** Systematisch-zoologische studien . . . [Wien, 1885]

cover-title, 177 p. col. pl. 24<sup>cm</sup>.

Aus dem xci. bande der Sitzb. der Kais. Akad. der wissensch. I. abth. Mai-heft. Jahrgang 1885.

Bibliography: p. 143-147.

CONTENTS.—1. System und stammbaum.—2. Die unvermittelten reihen in der classe der insecten.—3. Betrachtungen über täuschende und wahre systematische ähnlichkeiten zur beurtheilung der stellung der apioceriden und pupiparen und über den werth der alten und neuen eintheilung der dipteren.

**Brehm, Alfred Edmund.** . . . Merveilles de la nature. Les insectes, les myriopodes, les arachnides et les crustacés. Éd. française, par J. Künckel d'Herculais . . . Paris, J.-B. Baillière et fils [pref. 1882]

Agr 3—1244

2 v. illus., xxxvi pl. 29½<sup>cm</sup>. (Les merveilles de la nature, l'homme et les animaux, par A. E. Brehm [v. 7-8])

[Vol. 2] has title: . . . Merveilles de la nature; Les insectes, les myriopodes, les arachnides.

**Buonanni, Filippo.** Observationes circa viventia, quæ in rebus non viventibus reperiuntur. Cum micrographia curiosa sive rerum minutissimarum observationi-bus, quæ ope microscopij recognitæ ad vivum exprimuntur. His accesserunt ali-quot animalium testaceorum icones non antea in lucem editæ. Omnia curiosorum naturæ exploratorum utilitati et iucunditati expressa et oblata . . . a patre Philippo Bonanni . . . Romæ, sumptibus F. A. Galleri [etc.] 1699.

xx, 342 p., 1 l., 106 p., 1 l. front., 59 pl. (partly fold.) 23<sup>cm</sup>.

**Burmeister, Hermann Carl Conrad.** De insectorum systemate naturali. Halis Saxonum, Typis Grunertorum patris filiique [1829]

Agr 3—148

2 p. l., 40, [3] p. fold. tab. 19<sup>cm</sup>.

Inaug.-dis.—Halle.

**Burmeister, Hermann Carl Conrad.** Genera quædam insectorum. Iconibus illustravit et descripsit Hermannus Burmeister . . . Vol. 1 . . . Berolini, sumptibus A. Burmeister, 1838—46.

unp. 40 pl. (partly col.) 23<sup>cm</sup>.

No more published.

Issued in 7 parts. Title-page published with part 1-2 reads: Genera insectorum. Iconibus illustravit et descripsit Hermannus Burmeister . . . Vol. I. Rhynchota. Berolini, Burmeister et Stange, 1838.

**Burmeister, Hermann Carl Conrad.** Handbuch der entomologie, von Hermann Burmeister. Berlin, G. Reimer, 1832—55.

Agr 3—1330

5 v. in 8. 4 fold tab. 21<sup>cm</sup> and atlas of 22, 4 p., 20 pl. (5 col.) 25½<sup>cm</sup>.

Vol. 2-5 pub. by C. F. Enslin.

CONTENTS.—1. bd. Allgemeine entomologie. 1832.—2. bd. Besondere entomologie. 1. abth. Schnabelkerfe. Rhynchota. 1835.—2. abth. Kaukerfe. Gymnognatha. (1. hälfte; vulgo Orthoptera.) 1838.—3. abth. Kaukerfe. Gymnognatha. (2. hälfte; vulgo Neuroptera.) 1839.—3. bd. Besondere entomologie, fortsetzung. Coleoptera Lamellicornia Melitophila. 1842.—4. bd. Besondere entomologie, fortsetzung. 1. abth. Coleoptera Lamellicornia Anthobia et Phyllophaga Systelochela. 1844. 2. abth. Coleoptera, Lamellicornia Phyllophaga Chænochela. 1855.—5. bd. Besondere entomologie, fortsetzung. Coleoptera Lamellicornia Xylophila et Pectinicornia. 1847.

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Agr 3—149

1 p. l., 159 p. 4 col. pl. 21½<sup>cm</sup>.

**Castelnau, Francis L. de Laporte, comte de.** Histoire naturelle des insectes coléoptères, par M. le comte de Castelnau . . . avec une introduction renferment l'anatomie et la physiologie des animaux articulés, par M. Brullé . . . Paris, P. Duménil, 1840.

3 v. plates. 21½<sup>cm</sup>. (*Half-title*: Histoire naturelle des animaux articulés, annélides, crustacés, arachnides, myriapodes et insectes.)

Vol. 3 has title: Histoire naturelle des insectes, orthoptères, névroptères, hémiptères, hyménoptères, lépidoptères et diptères, par M. Émile Blanchard . . .

**Charpentier, Toussaint de.** Horæ entomologicæ, adjectis tabulis, novem coloratis, auctore Toussaint de Charpentier . . . Wratislaviæ, Apud A. Gosohorsky, 1825.

xvi, 255 p., 3 l. ix pl. (partly col.) 28½<sup>cm</sup>.

"Notanda": p. [vii]—xi.

**Dallas, William Sweetland.** Elements of entomology: an outline of the natural history and classification of British insects. By William S. Dallas, F. L. S. London, J. van Voorst, 1857.

Agr 4—957

vi p., 1 l., 424 p. illus. 20<sup>cm</sup>.

**Dalman, Johann Wilhelm.** Analecta entomologica, auctore Joh. Wilh. Dalman . . . Holmiæ, typis Lindhianis, 1823.

1 p. l., vii, 104; [4] p. iv pl. 26<sup>cm</sup>.

**Dalman, Johann Wilhelm.** . . . Ephemeridæ entomologicæ. 1. Holmiæ, typis P. A. Norstedt, 1824.

2 p. l., 36 p. 22½<sup>cm</sup>.

**Drury, Dru.** Illustrations of exotic entomology, containing upwards of six hundred and fifty figures and descriptions of foreign insects, interspersed with remarks and reflections on their nature and properties. By Dru Drury. A new ed. brought down to the present state of the science, with the systematic characters of each species, synonyms, indexes, and other additional matter. By J. O. Westwood . . . London, H. G. Bohn, 1837.

Agr 3—333

3 v. in 1. 29½<sup>cm</sup> and atlas of L (*i. e.* 51) pl. (50 col.) 32½<sup>cm</sup>.

**Duméril, André Marie Constant.** Considérations générales sur la classe des insectes. Par André-Marie-Constant Duméril . . . Paris, F. G. Levrault, 1823.

xii, 272 p. 60 col. pl. 22½<sup>cm</sup>.

**Duméril, André Marie Constant.** Entomologie analytique. Histoire générale, classification naturelle et méthodique des insectes à l'aide de tableaux synoptiques, par A.-M.-C. Duméril . . . Paris, Typographie de F. Didot frères fils et c<sup>ie</sup>, 1860.  
2 v. illus., fold. tab. 27½<sup>cm</sup>. Agr 4—342

Paged continuously; v. 1: 2 p. l., xxii, 664 p.; v. 2: 2 p. l., [665]—1339 p.

Extrait des Mémoires de l'Académie des sciences, t. xxxi.

**Duméril, André Marie Constant.** Exposition d'une méthode naturelle pour l'étude et la classification des insectes, présentée à la Société philomatique le 3 brumaire an 9; par C. Duméril . . . [Paris, 1801] Agr 4—272  
1 p. l., 20 p. tables. 21½<sup>cm</sup>.

**Duncan, James.** . . . Entomology. Introduction to entomology. By James Duncan . . . London, H. G. Bohn, 1860. Agr 3—47

4 p. l., [17]—331 p. front. (port.) illus., 35 (*i. e.* 36) pl. (partly col.) 17½<sup>cm</sup>. (The naturalist's library. Ed. by Sir William Jardine . . . [Reprint] vol. xxviii)

Engr. half t.-p.

Reprint of his Introduction to entomology. 1840.

"Memoir of Swammerdam": p. [17]—58.

"Memoir of de Geer": p. 59—66.

**Duncan, James.** Introduction to entomology. Comprehending a general view of the metamorphoses, external structure, anatomy, physiology, and systematic arrangement of the class insects. Illustrated by thirty-eight coloured plates, with memoirs of Swammerdam and de Geer. By James Duncan, m. w. s. Edinburgh, W. H. Lizars; [etc., etc.] 1840. Agr 3—48

xv, [1], [17]—331. front. (port.) illus., 35 (*i. e.* 36) pl. (partly col.) 18<sup>cm</sup>. (The naturalist's library. Conducted by Sir William Jardine . . . [Entomology] vol. i)

Engr. half t.-p.

**Eiselt, Johann Nepomuk.** Geschichte, systematik und literatur der insectenkunde, von den ältesten zeiten bis auf die gegenwart. Als handbuch für den jünger und als repertorium für den meister der entomologie bearbeitet von M. Dr. Johann Nep. Eiselt . . . Leipzig, Bei C. H. F. Hartmann, 1836. Agr 3—157

viii, 255 p. 3 fold. diagr. 21<sup>cm</sup>.

**Erichson, Wilhelm Ferdinand.** Entomographien, untersuchungen in dem gebiete der entomologie, mit besonderer benutzung der königl. sammlung zu Berlin, von W. F. Erichson . . . 1. heft. Berlin, F. H. Morin, 1840. Agr 3—158

x p., 1 l., 180 p. ii pl. (1 col.) 21<sup>cm</sup>.

**Eschscholtz, Johann Friedrich.** Entomographien. Von J. Friedrich Eschscholtz . . . 1. lieferung. Berlin, G. Reimer, 1822.

128, iii p. ii col. pl. 23½<sup>cm</sup>.

**Fabricius, Johan Christian.** . . . Entomologia systematica emendata et aucta, secundum classes, ordines, genera, species, adjectis synonymis, locis, observationibus descriptionibus . . . Hafniae, impensis C. G. Proft, 1792—94. 4—6287—90

4 v. in 5. 21<sup>cm</sup>.

Vol. 3—4: Impensis C. G. Proft, fil. et soc.

Vol. 3 is in two parts.

— Index alphabeticus in J. C. Fabricii Entomologiam . . . Hafniae, apud Proft et Storch, 1796. 4—6287—90

175 p. 21<sup>cm</sup>. [With his Supplementum Entomologiae systematicae. Hafniae, 1798]

— . . . Supplementum Entomologiae systematicae. Hafniae, apud Proft et Storch, 1798. 4—6287—90

2 p. l., 572 p. 21<sup>cm</sup>.

— Index alphabeticus in J. C. Fabricii Supplementum Entomologiae systematicae . . . Hafniae, apud Proft et Storch, 1799. 4—6287—90

52 p., 1 l. 21<sup>cm</sup>. [With his Supplementum Entomologiae systematicae. Hafniae, 1798]



**Fabricius, Johan Christian.** Ioh. Christ. Fabricii . . . Genera insectorum eorumque characteres naturales secundum numerum, figuram, situm et proportionem omnium partium oris, adiecta mantissa specierum nuper detectarum. Chilonii, Litteris M. F. Bartschii [1776]

Agr 4—37

8 p. l., 310 p. 19 $\frac{1}{2}$ cm.

**Fabricius, Johan Christian.** Ioh: Christ. Fabricii . . . Mantissa insectorum sistens eorum species nuper detectas adiectis characteribus genericis, differentiis specificis, emendationibus, observationibus. Hafniae, Impensis C. G. Proft, 1787.

2 v. 20 $\frac{1}{2}$ cm.

**Fabricius, Johan Christian.** Ioh. Christ. Fabricii . . . Philosophia entomologica sistens scientiae fundamenta adiectis definitionibus, exemplis, observationibus, adumbrationibus. Hamburgi et Kilonii, Impensis C. E. Bohnii, 1778.

7 p. l., 178 p. 20cm.

"Bibliotheca": p. [1]-17.

**Fabricius, Johan Christian.** Ioh. Christ. Fabricii . . . Species insectorum, exhibentes eorum differentias specificas, synonyma auctorum, loca natalia, metamorphosin, adiectis observationibus, descriptionibus . . . Hamburgi et Kilonii, Impensis C. E. Bohnii, 1781.

Agr 3—1250

2 v. 21cm.

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Agr 3—1180

16 p. l., 832 p. 20cm.

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**Fernald, Henry Torsey.** The relationships of arthropods, by H. T. Fernald . . . Baltimore, Press of I. Friedenwald, 1890.

[431]-513 p. XLVIII-L fold. pl. 23 $\frac{1}{2}$ cm.

Thesis (Ph. D.)—Johns Hopkins University.

"Bibliography": p. 501-508.

"Reprinted from Studies from the Biological laboratory, Johns Hopkins University, vol. iv, no. 7."

**Geer, Carl de.** Caroli lib. bar. de Geer . . . Genera et species insectorum e generosissimi auctoris scriptis extraxit, digessit, latine quoad partem reddidit, et terminologiam insectorum Linneanam addidit Anders Iahan Retzius . . . Lipsiae, apud S. L. Crvsivm, 1783.

Agr 5—152

2 p. l., vi, [7]-220, 32 p. 19 $\frac{1}{2}$ cm.

**Geer, Carl de.** Mémoires pour servir à l'histoire des insectes. Par Charles de Geer . . . Stockholm, De l'imprimerie de L. L. Grefing, 1752-78.

7 v. in 8. plates. 25 $\frac{1}{2}$ cm.

Vol. 2-7: De l'imprimerie de P. Hesselberg.

**Geoffroy, Étienne Louis.** Histoire abrégée des insectes, dans laquelle ces animaux sont rangés suivant un ordre méthodique; nouvelle éd., rev., corrigée, & augm. d'un supplément considérable, par M. Geoffroy . . . Paris, C. Volland [etc.], an vii de la République Française [1799]

Agr 4—207

2 v. xxii pl., fold. tab. 24 $\frac{1}{2}$ cm.

**Guérin-Ménéville, Félix Édouard.** . . . Crustacés, arachnides et insectes, par F. C. Guérin Ménéville. [Paris, A. Bertrand, 1830]

2 p. l., xii, 9-319 p. 31cm. and atlas of 27 col. pl. 49 $\frac{1}{2}$ cm. (Voyage autour du monde, exécuté par ordre du roi, sur la corvette de Sa Majesté, La Coquille, pendant les années 1822, 1823, 1824 et 1825 . . . et publié . . . par M. L. I. Duperrey . . . Zoologie, par M. Lesson. Tome 2. 2. partie. 1. division)

**Guérin-Ménéville, Félix Édouard.** Genera des insectes, ou, Exposition détaillée de tous les caractères propres à chacun des genres de cette classe d'animaux; par E. Guérin et A. Percheron. 1<sup>re</sup> série. Ordres et familles. Paris, Méquignon-Marvis père et fils; [etc., etc.], 1835-38.

unp. 60 col. pl. 25cm.

Published in 6 livraisons.

**Guérin-Ménéville, Félix Édouard.** Iconographie du règne animal de G. Cuvier, ou, Représentation d'après nature de l'une des espèces les plus remarquables, et souvent non encore figurées, de chaque genre d'animaux. Avec un texte descriptif mis au courant de la science. Ouvrage pouvant servir d'atlas à tous les traités de zoologie, Par M. F. E. Guérin Ménéville. . Insectes. Paris, Londres, J. B. Baillière, 1829-1838 [1844].

[3]-576 p. front. (port.) 104 col. pl. 23<sup>cm</sup>.

**Herbst, Johann Friedrich Wilhelm.** Kurze einleitung zur kenntniß der insekten, für ungeübte und anfänger. Berlin und Stralsund, G. A. Lange, 1784-87.

3 v. col. plates. 23<sup>cm</sup>.

Added col. t.-p. in each v.: Natürliche abbildung der merkwürdigsten insecten nach ihren geschlechtern, fortgesetzt von I. F. W. Herbst, gezeichnet von D. F. Sotzmann. Berlin, G. A. Lange, 1784-86.

**The history of insects** . . London, The Religious tract society, 1839. Agr 3-1135 xii, 192 p. front., illus., plates. 134<sup>cm</sup>.

**Jardine, Sir William, ed.** The naturalist's library. Conducted by Sir William Jardine . . . Entomology . . . Edinburgh, W. H. Lizars; [etc., etc.] 1835-41.

7 v. 7 front. (port.) illus., pl. (partly col.) 18<sup>cm</sup>.

Agr 3-3

Engr. half t.-p. in each volume.

CONTENTS.—v. 1. Duncan, J. Introduction to entomology. 1840.—v. 2. Duncan, J. The natural history of beetles. 1835.—v. 3. Duncan, J. The natural history of British butterflies. 1835.—v. 4. Duncan, J. The natural history of British moths. 1836.—v. 5. Duncan, J. The natural history of foreign butterflies. 1837.—v. 6. [Dunbar, W. The natural history of bees. 1839]—v. 7. Duncan, J. The natural history of exotic moths. 1841.

**Jekel, Henri.** Fabricia entomologica; recueil d'observations nouvelles sur les insectes; monographies, révisions de groupes et de genres, classifications, synonymies et rectifications, descriptions de genres nouveaux et d'espèces nouvelles, &<sup>a</sup>, par H. Jekel . . . Paris, Autographie typomorphe de H. Jekel, 1853.

Agr 4-1880

4 p. l., 249 p. fold. tab. 224<sup>cm</sup>.

Issued in 3 pts., 1854-59.

Paging irregular: no. 184 bis-ter inserted.

**Kirby, William.** . . . A certury of insects, including several new genera described from his cabinet. By the Rev. William Kirby . . . Read November 4, 1817. [London, 1818]

375-482 p. 3 col. pl. 274<sup>cm</sup>.

Linnean society of London. Transactions, v. 12, p. 375-482.

**Kirby, William.** . . . A description of such genera and species of insects alluded to in the "Introduction to entomology" of Messrs. Kirby and Spence, as appear not to have been before sufficiently noticed or described . [London, 1825]

563-572 p. 284<sup>cm</sup>.

From Transactions of the Linnean society of London. Vol. xiv.

**Kirby, William.** An introduction to entomology: or Elements of the natural history of insects: with plates. By William Kirby . . and William Spence . . . London, Printed for Longman, Hurst, Rees, Orme, and Brown, 1818-26.

4 v. 2 front. (port.) xxx pl. (partly col.) fold. tab. 22<sup>cm</sup>.

Vol. 1, 3d ed., 1818; v. 2, 2d ed., 1818; v. 3-4, [1st ed.,] 1826.

Another copy, v. 1, 4th ed., 1822; v. 2, 3d ed., 1823, v. 3-4 [1st ed.,] 1826.

**Kleemann, Christian Friedrich Carl.** Christian Friedrich Carl Kleemanns . . . Beyträge zur natur- und insecten-geschichte . . . Nürnberg, Zu finden in der Raspischen buchhandlung, 1792-93.

2 v. in 1. front. (port.) 72 col. pl. 224<sup>cm</sup>.

CONTENTS.—1 th., worinnen verschiedene papilions . . nach dem leben abgebildet worden. Als ein anhang zu den Roselischen insecten-belustigungen. 1792.—2 th. fortgesetzt von Christian Schwarz. 1798.

**Klug, Johann Christoph.** Entomologische monographieen, von Dr. Fr. Klug . . . Berlin, G. Reimer, 1824.

[iii]-xiv, [2], 242 p. x col. pl. 214<sup>cm</sup>.

**Knoch, August Wilhelm.** Beiträge zur insektengeschichte, von August Wilhelm Knoch . . . Leipzig, Im Schwickertschen verlage, 1781-83.

3 v. 19 col. pl. 22<sup>cm</sup>.

**Knoch, August Wilhelm.** Neue beyträge zur insectenkunde . . . Von August Wilhelm Knoch . . . 1. th. Leipzig, Im Schwickertschen verlage, 1801.

xii, 208 p. 9 pl. (8 col.) 22<sup>cm</sup>.

**Kolbe, Hermann Julius.** Einführung in die kenntnis der insekten, von H. J. Kolbe . . . Berlin, F. Dümmler [1889]-93.

Agr 3-1140

xii, viii, 709 p. 324 illus. 21<sup>1</sup>/<sub>2</sub><sup>cm</sup>.

Published in 14 hefte.

"Litteratur" at ends of chapters.

**Kolenati, Friedrich August.** Meletemata entomologica, auctore D<sup>re</sup>. Friderico A. Kolenati . . . Petropoli [sumtibus Imperialis academix scientiarum] 1845-[59]

8 fasc. plates (partly col.) 23<sup>cm</sup>.

Fasc. 6-8 reprinted from Bulletin de la Société impériale des naturalistes de Moscou. v. 29-32, 1856-59.

**Lacordaire, Jean Théodore.** Introduction à l'entomologie, comprenant les principes généraux de l'anatomie et de la physiologie des insectes, des détails sur leurs mœurs et un résumé des principaux systèmes de classification proposés jusqu'à ce jour pour ces animaux; par M. Th. Lacordaire . . . Paris, Librairie encyclopédique de Roret [etc.] 1834-38.

2 v. 24 pl. (3 col.) 21<sup>cm</sup>.

**Latreille, Pierre André.** Considérations générales sur l'ordre naturel des animaux composant les classes des crustacés, des arachnides, et des insectes; avec un tableau méthodique de leurs genres, disposés en familles. Par P. A. Latreille . . . Paris, J. Schoell, 1810.

Agr 4-211

444 p. 20<sup>1</sup>/<sub>2</sub><sup>cm</sup>.

**Latreille, Pierre André.** Cours d'entomologie, ou de l'histoire naturelle des crustacés, des arachnides, des myriapodes et des insectes; à l'usage des élèves de l'école du Muséum d'histoire naturelle; par M. Latreille . . . 1. année . . . Paris, Roret, 1831.

Agr 4-212

[vi]-xiii, 568 p. 21<sup>1</sup>/<sub>2</sub><sup>cm</sup>. and atlas of 2 p. 1., 26 p., 1 l., 24 pl. 23<sup>1</sup>/<sub>2</sub><sup>cm</sup>.

No more published.

**Latreille Pierre André.** . . . Genera crustaceorum et insectorum secundum ordinem naturale in familias disposita, iconibus exemplisque plurimis explicata . . . Parisiis et Argentorati, A. Koenig, 1806-09.

Agr 4-213

4 v. 16 pl. 20<sup>1</sup>/<sub>2</sub><sup>cm</sup>.

**Latreille, Pierre André.** Histoire naturelle, générale et particulière des crustacés et des insectes. Ouvrage faisant suite aux œuvres de Leclerc de Buffon, et partie du cours complet d'histoire naturelle rédigé par C. S. Sonnini . . . Paris, De l'imprimerie de F. Dufart, an x-xiii [1802-1805]

14 v. cxii col. pl. 21<sup>1</sup>/<sub>2</sub><sup>cm</sup>.

Plates bound separately.

Vol. 1-2, an xii [1804]; v. 3-4, an x [1802]; v. 5-6, an xi [1803]; v. 7-13, an xii [1804]; v. 14, an xiii [1805]

**Latreille, Pierre André.** Précis des caractères génériques des insectes, disposés dans un ordre naturel. Par le citoyen Latreille. Paris, Prévôt; [etc., etc.] an 5 [1796]

xiii, [1], 201, [7] p. 1 fold. tab. 20<sup>1</sup>/<sub>2</sub><sup>cm</sup>.

Agr 3-193

**Linné, Karl von.** Caroli Linnæi Entomologia, Faunæ suevicæ descriptionibus aucta; DD. Scopoli, Geoffroy, de Geer, Fabricii, Schrank, &c. speciebus vel in systemate non enumeratis, vel nuperrime detectis, vel speciebus Galliæ australis locupletata, generum specierumque rariorum iconibus ornata; curante & augente Carolo de Villers . . . Lugduni, sumptibus Piestre et Delamolliere, 1789.

Agr 4-215

4 v. xi (i. e. 12) fold pl., xi fold. tab. 21<sup>cm</sup>.

**Linné, Karl von.** . . . Fundamenta entomologiæ . . . Upsaliæ, 1767 (*In his* . . . Amoenitates academice . . . Ed. 2. Erlangæ, 1785-90. 21<sup>cm</sup>. v. 7 (1789) p. 129-159)

**Merian, Maria Sibylla.** Histoire générale des insectes de Surinam et de toute l'Europe, contenant leurs descriptions, leurs figures, leurs différentes métamorphoses, de même que les descriptions de plantes, fleurs & fruits, dont ils se nourrissent, & sur lesquels on les trouve le plus communément; avec quelques détails sur les crapauds, lézards, serpens, araignées, & autres petits animaux de Surinam, peints sur les lieux d'après nature & gravés avec soin, par Mademoiselle Marie Sybille de Merian, en deux parties in-folio, 3. ed. rev., corrigée, & considérablement augmentée, par M. Buch'oz . . . à laquelle on a joint une troisième partie qui traite des plus belles fleurs, telles que des plantes bulbeuses, liliacées, caryophyllées, &c., avec leur description exacte, leur culture, & leurs propriétés. Ouvrage intéressant pour les amateurs de l'histoire naturelle, et unique en son genre . . . Paris, L. C. Desnos, 1771.

v. 1-2. front., 119 pl. 54<sup>cm</sup>.

Tome 1 contains LXXII pl.

Tome 2 contains CLXXII figures on 47 leaves.

Wanting plate xxx of tome 1.

CONTENTS.—tome 1. Des plantes de Surinam.—tome 2. Des plantes de l'Europe.

**Motschulsky, Victor.** Études entomologiques, rédigées par Victor de Motschulsky . . . [1.]—11. année. Helsingfors, Imprimerie de la Société de littérature finnoise, 1853-62.

11 pts. in 1 v. 5 pl. 21<sup>cm</sup>.

10.—11. année; Dresde, Impr. de F. Thomass.

**Murtfeldt, Mary Esther.** Outlines of entomology. Prepared for the use of farmers and horticulturists. At the request of the secretary of the State board of agriculture and the State horticultural society of Missouri. By Mary E. Murtfeldt . . . Jefferson City, Mo., Tribune printing company, state printers and binders, 1891.

1 p. l., ii, [3]—132, iii p. illus. 23½<sup>cm</sup>.

Also in Thirty-third annual report of the State horticultural society of Missouri, 1890, p. [451]—582.

The natural history of insects . . . London, J. Murray, 1829-35. Agr 3—1143

2 v. illus. 16<sup>cm</sup>. (On cover: The family library, no. vii, li)

**Newman, Edward.** The grammar of entomology. By Edward Newman. London, F. Westley and A. H. Davis, 1835.

Agr 4—958

xvi, 304 p. illus., iv pl. (2 col.) 17<sup>cm</sup>.

**Packard, Alpheus Spring.** Dr. Brauer's views on the classification of insects . . . [Philadelphia, 1885]

999-1001 p. 22<sup>cm</sup>.

American naturalist extra, October, 1885. vol. xix.

**Ray, John.** Historia insectorum. Autore Joanne Raio . . . Opus posthumum jussu Regiæ societatis Londinensis editum. Cui subjungitur appendix de Scarabæis britannicis, autore M. Lister . . . Londini, Impensis A. & J. Churchill, 1710.

xv, 400 p. 23<sup>cm</sup>.

**Réaumur, René Antoine Ferchault de.** Mémoires pour servir à l'histoire des insectes. Par M. de Réaumur . . . Paris, De l'imprimerie royale, 1734-42.

6 v. 267 pl. 26<sup>cm</sup>.

Agr 4—222

For number of volumes cf. Hagen, Bibliotheca entomologica, bd. 2, p. 64.

CONTENTS.—tome 1. Sur les chenilles et sur les papillons. 1734.—tome 2. Suite de l'histoire des chenilles & des papillons; et l'histoire des insectes ennemis des chenilles. 1736.—tome 3. Histoire des vers mineurs des feuilles, des teignes, des fausses teignes, des pucerons, des ennemis des pucerons, des faux pucerons, & l'histoire des galles des plantes, & de leurs insectes. 1737.—tome 4. Histoire des gallinsectes, des progallinsectes, & des mouches à deux ailes. 1738.—tome 5. Suite de l'histoire des mouches à deux ailes, & l'histoire de plusieurs mouches à quatre ailes, scavoir, des mouches à scies, des cigales, & des abeilles. 1740.—tome 6. Suite de l'histoire des mouches à quatre ailes, avec un supplément à celle des mouches à deux ailes. 1742.

**Rennie, James.** . . . Insect miscellanies. London, C. Knight, [etc., etc.] 1831.

Agr 3—1149

xii, 414 p. illus. 17½<sup>cm</sup>. (The Library of entertaining knowledge [vol. xxiii-xxiv, published under the superintendence of the Society for the diffusion of useful knowledge])

**Riley, Charles Valentine.** Entomology . . . [n. p.] 1876.

[281]-289 p. 23<sup>cm</sup>.

From Ware's valley monthly, August, 1876.

**Römer, Johann Jacob.** Genera insectorum Linnæi et Fabricii iconibus illustrata a Joanne Jacobo Römer. Vitoduri Helvetorum, apud H. Steiner et socios, 1789.

viii, 86, [3] p. xxxvii pl. (36 col.) 29<sup>cm</sup>.

Col. title vignette.

**Rösel von Rosenhof, August Johann.** Die monatlich-herausgegebenen insecten-belustigung . . . von dem vortreflichen naturforscher und berühmten mignaturmahler August Johann Rösel von Rosenhof. Mit einer vorrede, in welcher von dem nutzen der insecten gehandelt, was sie seyen gezeigt, und von der eintheilung derselben nachricht gegeben wird, von dem Röselischen eidam und mignaturmahler C. F. C. Kleemann mit vielen neuen beobachtungen und anmerkungen hin und wieder vermehrt und verbessert. Nürnberg, Zu finden bey den Röselischen erben, gedruckt bey J. J. Fleischmann, [1746-1761]

4 v. fronts. (3 col.) incl. port., col. pl. 22½<sup>cm</sup>.

CONTENTS.—1. th., in welchen die in sechs classen eingetheilte papilionen . . . nach dem leben abgebildet worden.—2. th., welcher acht classen verschiedener sowohl inländischer, als auch einiger ausländischer insecten enthält . . .—3. th., worinnen ausser verschiedenen, zu denen in den beiden ersten theilen enthaltenen classen, gehörigen insecten, auch mancherley arten von acht neuen classen . . . nach dem leben abgebildet vorgestellt worden . . .—4. th., in welchem ausser verschiedenen in- und ausländischen insecten, auch die hiesige grosse kreuz-spinne . . . von dem verstorbenen vortreflichen mignaturmahler, Herrn August Johann Rösel, von Rosenhof, nebst einer zuverlässigen nachricht von den lebens-umständen des seel. verfassers, beschrieben und mit anmerkungen hrsg. von C. F. C. Kleemann . . .

For supplement, see Kleemann, C. F. C. . . . Beyträge zur natur- und insecten-geschichte.

**Sahlberg, Carl Reinhold.** Periculi entomographici, species insectorum nondum descriptas proposituri, fasciculus. Auctore Car. Regin. Sahlberg . . . Cum tabuli iv aeneis. Aboæ, typis Frenckellorum, 1823.

Agr 3—202

1 p. l., 82, [1] p. iv pl. 19½<sup>cm</sup>.

**Sajó, Karl.** Ueber entomologische beobachtungen . . . Berlin, 1898.

7 pts. 30<sup>cm</sup>.

From Prometheus. jahrg. ix, pp. 641-646, 657-662, 674-679.

**Samouelle, George.** The entomologist's useful compendium; or an introduction to the knowledge of British insects, comprising the best means of obtaining and preserving them, and a description of the apparatus generally used; together with the genera of Linné, and the modern method of arranging the classes Crustacea, Myriapoda, spiders, mites, and insects, from their affinities and structure, according to the views of Dr. Leach . . . By George Samouelle . . . London, T. Boys, 1819.

496 p. 12 pl. (incl. front.) 20½<sup>cm</sup>.

Authors quoted: p. [11]-15.

— London, Longman, Hurst, Rees, Orme, Brown, and Green, 1824.

1 p. l., 496 p. 12 pl. (incl. front.) 20<sup>cm</sup>.

Authors quoted: p. [11]-15.

**Schaeffer, Jacob Christian.** Jacobi Christiani Schaeffer . . . Elementa entomologica. cxxxv tabulæ ære excusæ floridisque coloribus distinctæ . . . Jacob Christian Schaeffers . . . Einleitung in die insectenkenntnis. cxxxv ausgewählte kupfertafeln. Regensburg, gedruckt mit Weissischen schriften, 1766.

unp. cxxxv col. pl. incl. front. 27½<sup>cm</sup>.

Plates with three exceptions printed on both sides of leaves.

**Sharp, David.** Insects, pt. i. Introduction, Aptera, Orthoptera, Neuroptera, and a portion of Hymenoptera (Sessiliventres and Parasitica) By David Sharp . . . (In The Cambridge natural history, ed. by S. F. Harmer and A. E. Shipley. London and New York, 1895. 23<sup>cm</sup>. v. 5, p. [81]-565. illus.)



**Sharp, David.** Insects, pt. II. Hymenoptera continued (Tubulifera and Aculeata), Coleoptera, Strepsiptera, Lepidoptera, Diptera, Aphaniptera, Thysanoptera, Hemiptera, Anoplura. By David Sharp . . . London, New York, Macmillan and co., limited, 1901. 5—12144-5

xii, 626 p. illus. 23<sup>em</sup>. (*Half-title*: The Cambridge natural history, ed. by S. F. Harmer . . . and A. E. Shipley. vol. VI)  
— — — Reprint, 1901.

**Smith, John Bernhard.** An essay on the classification of insects. [New York, 1897]

7 p. 26 $\frac{1}{2}$ <sup>em</sup>.

Reprinted from Science, n. s., vol. v, no. 122, pp. 671-677, April 30, 1897.

**Sopp, E. J. Burgess.** Address to the Lancashire & Cheshire entomological society delivered at the Royal institution, Liverpool, on January 14th, 1901, by vice-president E. J. Burgess Sopp . . . n. p. [1901]

14 p. 21 $\frac{1}{2}$ <sup>em</sup>.

Caption title.

Cover title: Lancashire and Cheshire entomological society. Session 1900. Annual address by vice-president E. J. Burgess Sopp . . .

**Sulzer, Johann Heinrich.** Dr. Sulzer's Abgekürzte geschichte der insecten nach dem Linaeischen system. Winterthur, H. Steiner u. comp., 1776.

2 pts. in 1 v. XXXII col. pl. 27<sup>em</sup>.

Pt. 1, text; pt. 2, plates.

Engr. t.-p.

**Summers, Henry Elijah.** Insect keys [by] H. E. Summers. Orders of hexapoda. [n. p., n. d.]

unp. 22<sup>em</sup>.

**Swainson, William.** On the history and natural arrangement of insects, by William Swainson & William E. Shuckard . . . London, Longman, Brown, Green & Longman's [1840]

3 p. l., 406 p. illus. 17<sup>em</sup>.

Engr. t.-p.

**Swammerdam, Jan.** The book of nature; or, The history of insects: reduced to distinct classes, confirmed by particular instances, displayed in the anatomical analysis of many species, and illustrated with copper-plates, including the generation of the frog, the history of the ephemerus, the changes of flies, butterflies, and beetles; with the original discovery of the milk-vessels of the cuttle-fish, and many other curious particulars. By John Swammerdam, m. d. with the life of the author, by Herman Boerhaave, m. d. Tr. from the Dutch and Latin original ed., by Thomas Filoyd. Rev. and improved by notes from Reaumur and others, by John Hill, m. d. London, Printed for C. G. Seyffert, 1758.

2 p. l., xx, [8], 236, 153, lxiii, [2] p. LIII pl. 41<sup>em</sup>.

**Swammerdamm, Jan.** Johannis Swammerdamii . . . Historia insectorum generalis . . . adjicitur Dilucidatio . . . Ex Belgica Latinam fecit Henricus Christianus Henninius . . . Ed. 2. Ultrajecti, ex officina O. de Vries, 1693.

10 p. l., 212, [17] p. XIII pl. (10 fold.) fold. tab. 20 $\frac{1}{2}$ <sup>em</sup>.

**Tabular** view of the orders & leading families of insects. [London] Printed for the Society for promoting Christian knowledge [1858]

4 fold. pl. 26<sup>em</sup>.

Aggr 4—232

**Taschenberg, Ernst Ludwig.** Die insekten, tausendfüssler und spinnen, von Dr. E. L. Taschenberg. Mit 277 abbildungen im text und 21 tafeln von Emil Schmidt. Leipzig, Verlag des Bibliographischen instituts, 1877.

xxx p., 1 l., 711 p. illus., 21 pl. 26<sup>em</sup>. (*Added t.-p.*: Brehm's thierleben. Allgemeine kunde des thierreichs. Grosse ausgabe. 2. umgearb. und verm. aufl. 4. abth. Wirbellose thiere. 1. bd.)

*Half-title*: Brehms thierleben. 9. bd.

**Tepper, J. Gottlieb Otto.** Insects and insect-lore, an introduction to the study of entomology. A paper before the South Australian gardeners' society, 1901 . . . Adelaide, 1902.

10, [1] p. illus. 25<sup>cm</sup>.

Reprinted from the "Garden and field."

**Tepper, J. Gottlieb Otto.** List of named insects in the South Australian museum, Adelaide, by J. G. O. Tepper . . . [n. p., 1888?–92?] Agr 4—3619

5 pts. 26–27<sup>cm</sup>.

Caption title.

**Thomson, Carl Gustaf.** Opuscula entomologica, edidit C. G. Thomson. Fasciculus primus [—xxi<sup>mus</sup>] Lund, Tryckt i Lundbergska boktryckeriet, 1869–96.

21 pts. in 3 v. 3 pl. 22<sup>cm</sup>.

Paged continuously: 2404 p.

Imprint of fasc. 2–3: Lund, Tryckt på H. Ohlssons boktryckeri, 1870; fasc. 4–5: Berlingska boktryckeriet, 1871–73; fasc. 6–7: F. Berlings boktryckeri och stilgjuteri, 1874–75; fasc. 8: Trelleborg, Sandberg & Jönssons boktryckeri, 1877; fasc. 9–13: Lundæ, typis expressit H. Ohlsson, 1883–89; fasc. 14–21: typis expressit E. Malmström, 1891–96.

**Thomson, James.** Archives entomologiques ou Recueil contenant des illustrations d'insectes nouveaux ou rares, par M. James Thomson . . . Paris, Au bureau du trésorier de la Société entomologique de France, 1857–58. Agr 4—1785

2 v. col. fronts., 35 pl. (28 col.) 27<sup>cm</sup>.

"Voyage au Gabon" forms v. 2.

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25 p. illus. 23<sup>cm</sup>.

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**Walckenaer, Charles Athanase, baron.** Histoire naturelle des insectes. Aptères, par M. le baron Walckenaer . . . Paris, Roret, 1837–47.

4 v. 21½<sup>cm</sup>. and atlas of 24 p., 52 pl. 24½<sup>cm</sup>. [Suites à Buffon]

Vol. 3 by Paul Gervais; v. 4 by Walckenaer & Paul Gervais.

**Waterhouse, Charles Owen.** Aid to the identification of insects. Ed. by Charles Owen Waterhouse. Lithographs by Edwin Wilson . . . London, E. W. Janson, 1880–90.

2 v. 189 col. pl. 21<sup>cm</sup>.

Issued in 30 pts.

Vol. 2, lithographs by Edwin Wilson and Maud Horman-Fisher.

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2 v. in 1. 95 pl. 24<sup>cm</sup>.

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xxiv, 205 p. 40 pl. (partly col.) 35½<sup>cm</sup>.

"Obituary notice of the Rev. Fred. Wm. Hope . . . by T. J. Pettigrew" . . . p. xvii–xxi.

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327 p. ccxx—ccxxxix pl. 28<sup>cm</sup>.

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**Wotton, Edward.** *Insectorum sive minimorum animalium theatrum: olim ab Edoardo Wottono, Conrado Gesnero, Thomaque Pennio inchoatum: tandem Tho. Moufeti Londinâtis operâ sumptibusq; maximis concinnatum, auctum, perfectum: et ad vivum expressis iconibus supra quingentis illustratum.* Londini, ex officinâ typographicâ T. Cotes, 1634. Agr 4—3631  
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pt. 1—26. plates (partly col.) 83<sup>cm</sup>.

CONTENTS.—1. fasc. Coleoptera, fam. Gyrinidæ, par M. Régimbart. 1902.—2. fasc. Hymenoptera, fam. Evanidiæ, par l'abbé J.-J. Kieffer. 1902.—3. fasc. Coleoptera Clavicornia, fam. Lathridiidae, par le R. P. Belon. 1902.—4. fasc. Lepidoptera Rhopalocera, fam. Papilionidæ, subfam. Leptocir-cinæ, par P. Wysman. 1902.—5. fasc. Lepidoptera Rhopalocera, fam. Libytheidæ, von A. Pagen-stecher. 1902.—6. fasc. Lepidoptera Rhopalocera, fam. Papilionidæ, subfam. Papilioninæ, sect. Troides Hübner, par Robert H. F. Rippon. 1902.—7. fasc. Coleoptera Lamellicornia, fam. Geotru-pidæ, par A. Boucomont. 1902.—8. fasc. Coleoptera Heteromera, fam. Hylophilidæ, par M. Pic. 1902.—9—10. fasc. Hymenoptera, fam. Cynipidæ, par W. von Dalla Torre et J. J. Kieffer. 1—2. fasc. 1902.—11. fasc. Hymenoptera, fam. Mutillidæ, par Ernest André. 1903.—12—12d fasc. Coleoptera Serricornia, fam. Buprestidæ, par C. Kerremans. 4 fasc. 1902—03.—13. fasc. Coleoptera Malaco-dermata, fam. Cleridæ, von S. Schenkling. 1903.—14—14b fasc. Coleoptera Phytophaga, sect. Eupoda, fam. Sagridæ, by Martin Jacoby. 2 fasc. 1903.—15. fasc. Orthoptera, fam. Eumastacidæ, by M. Burr. 1903.—16. fasc. Lepidoptera Heterocera, fam. Epicopiidæ, by A. Janet & P. Wysman. 1903.—17a—17d. fasc. Lepidoptera Rhopalocera, fam. Hesperidæ, par P. Mabille. 1903—04.—18c fasc. Hymen-optera, fam. Ichneumonidæ, subfam. Ichneumoninæ, par l'abbé V. Berthoumieu. 1904.—19. fasc. Hymenoptera, fam. Vespidæ, von Prof. Dr. K. W. Dalla Torre. 1904.—20. fasc. Lepidoptera Rhopalo-cera, fam. Nymphalidæ, subfam. Brassolinæ, par H. Stichel. 1904.—21. fasc. Coleoptera Phytophaga, fam. Donacidæ, by Martin Jacoby & H. Clavareau. 1904.—22a—b fasc. Hymenoptera, fam. Braconidæ, von Gy. v. Szépligeti. 2 fasc. 1904.—23. fasc. Coleoptera Phytophaga, fam. Crioceridæ, by M. Jacoby & H. Clavareau. 1904.—24. fasc. Heteroptera, fam. Pentatomidæ, subfam. Scutellerinæ, par H. Schouteden. 1904.—25. fasc. Isoptera, fam. Termitidæ, par Jules Desneux. 1904.—26. fasc. Diptera, fam. Culicidæ, by F. V. Theobald. 1905.

**Xamheu, Vincent.** . . . *Mœurs et métamorphoses d'insectes, par le capitaine Xamheu* . . . Lyon, A. Rey, 1892—1903.

pts. 1—12. 22<sup>cm</sup>—27½<sup>cm</sup>.

Place and publisher vary: 2. mémoire, Lyon, Impr. L. Jacquet; 3., 9. mémoire, Caen, Typographie-lithographie A. le Boyteux; 4. mémoire, Paris, Au siège de la Société [entomologique de France]; 8. mémoire, Moulins, Impr. É. Auclair; 12. mémoire, Paris, Au secrétariat de l'Association [française pour l'avancement des sciences]

1.—2., 5., 7., 10.—11. mémoires, extraits des Annales de la Société linnéenne de Lyon. 3., 9. mémoires, extraits de la Revue d'entomologie. 4. mémoire, extraite des Annales de la Société entomologique de France, année 1894, vol. LXIII. 6. mémoire, from Revue linnéenne. 12. mémoire, from Association française pour l'avancement des sciences.

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**Bruner, Lawrence.** A preliminary introduction to the study of entomology. Together with a chapter on remedies, or methods that can be used in fighting inju-rious insects; insect enemies of the apple tree and its fruit, and the insect enemies of small grains. By Lawrence Bruner . . . Lincoln, Nebraska, J. North & co., printers, 1894. Agr 3—1129  
322 p. illus. 22½<sup>cm</sup>.

"The first part of this book is practically the same as his [Bruner's] report for 1898 as entomologist to the [Nebraska] State board of agriculture."—Pref.

"Insect enemies of the apple tree and its fruit. Extracted from the Nebraska state horticultural report for 1894:" pp. 154—223.

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xii, 654 p. col. front., 32 pl. (7 col.) 23<sup>cm</sup>.

**Carpenter, George Herbert.** Insects, their structure & life, a primer of entomology, by George H. Carpenter. . . London, J. M. Dent & co., 1899.

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3 p. l., 349 p. illus., vi pl. 19<sup>1</sup>/<sub>4</sub><sup>cm</sup>.

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**Comstock, John Henry.** An introduction to entomology by John Henry Comstock. . . with many original illustrations drawn and engraved by Anna Botsford Comstock. Ithaca, N. Y., Pub. by the author, 1888.

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Preface is headed "Preface to part I" and states that other chapters will be published.

**Comstock, John Henry.** A manual for the study of insects, by John Henry Comstock and Anna Botsford Comstock. . . Ithaca, N. Y., Comstock publishing company, 1895.

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vii p., 2 l., 701 p. front. illus. 24<sup>1</sup>/<sub>4</sub><sup>cm</sup>.

**Hunter, Samuel John.** Elementary studies in insect life, by Samuel J. Hunter. . . Topeka, Kans., Crane & company, 1902.

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**Hyatt, Alpheus.** . . . Insecta. By Alpheus Hyatt and J. M. Arms. Boston, D. C. Heath & co., 1890.

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**Kirby, William Forsell.** Elementary text-book of entomology, by W. F. Kirby. . . 2d ed. revised and augmented, with 87 plates containing over 650 figures. London, S. Sonnenschein and co.; New York, Macmillan and co., 1892.

2 p. l., viii, 281 p., 1 l. front., LXXXVI pl. 23<sup>1</sup>/<sub>4</sub><sup>cm</sup>.

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**Packard, Alpheus Spring.** Entomology for beginners, for the use of young folks, fruit-growers, farmers, and gardeners, by A. S. Packard. . . 2d ed., rev. New York, H. Holt and company, 1889.

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viii, 702 p. illus., 11 pl. 23<sup>1</sup>/<sub>4</sub><sup>cm</sup>.

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**Rörig, Georg Friedrich Carl.** Leitfaden für das studium der insekten und entomologische unterrichtstafeln. Von Dr. G. Rörig . . Berlin, R. Friedländer & sohn, 1894.

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2 p. l., 43, [1] p. viii pl. 24<sup>cm</sup>.

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**Badenoch, L. N.** Romance of the insect world, by L. N. Badenoch, with illustrations by Margaret J. D. Badenoch and others. . . . New York and London, Macmillan and co., 1893.

xviii, 341 p. incl. front., illus. 18<sup>cm</sup>.

**Badenoch, L. N.** True tales of the insects, by L. N. Badenoch . . . with forty-four illustrations by Margaret J. D. Badenoch. New York, E. P. Dutton & co.; London, Chapman & Hall, ld., 1899.

xviii, 255 p. incl. front., illus., plates. 23<sup>cm</sup>.

[**Budgen, L. M.**] Episodes of insect life. By Acheta Domestica, m. e. s. . . . London, Reeve, Benham, and Reeve, 1849-51.

3 v. col. fronts., illus. (partly col.) 20<sup>cm</sup>.

[**Budgen, L. M.**] Insect life. By Acheta Domestica (m. e. s.) Ed. and rev. by the Rev. J. G. Wood . . . London, Bell and Daldy, [n. d.].

xv, 430 p., 1 l. col. illus. 22<sup>cm</sup>.

**Comstock, Anna Botsford.** Ways of the six-footed, by Anna Botsford Comstock . . . Boston, Ginn & company, 1903.

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xii, 152 p. incl. illus., 1 pl. 19<sup>cm</sup>.

"Illustrations by W. C. Baker and O. L. Foster, and the author."

**Figuiet, Louis.** Les insectes, par Louis Figuiet, ouvrage illustré de 592 figures dessinées d'après nature par Mesnel, E. Blanchard et Delahaye et de vingt-quatre grandes compositions par E. Bayard . . . 2. éd. Paris, L. Hachette et cie., 1869. 2 p. l., 580 p. incl. illus., plates., front. 24<sup>cm</sup>. (Half-title: Tableau de la nature, ouvrage illustré à l'usage de la jeunesse. La vie et les mœurs des animaux)

**Howard, Leland Ossian.** The insect book. A popular account of the bees, wasps, ants, grasshoppers, flies and other North American insects, exclusive of the butterflies, moths and beetles, with full life histories, tables and bibliographies, by Leland O. Howard . . . New York, Doubleday, Page & company, 1901.

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xxvii p., 1 l., 429 p. col. front., illus., plates (partly col.) 26<sup>cm</sup>.

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**Life in the insect world:** or, Conversations upon insects, between an aunt and her nieces . . . Philadelphia, Lindsay & Blakiston, 1844. Agr 3—1141

vii [9]—241 p. incl. plates., front. 17 $\frac{1}{2}$ cm.

**McCook, Henry Christopher.** Tenants of an old farm; leaves from the notebook of a naturalist. By Henry Christopher McCook . . . with an introduction by Lord Avebury (Sir John Lubbock). Illustrated from nature. Rev. ed.—10th thousand. Philadelphia, G. W. Jacobs & co.; London, Hodder & Stoughton [1902] xv, [9]—460 p. front., illus. 19cm. 3—177

\* Original copyright, 1844.

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viii, [iii]—xvi, 17—225 p. incl. illus., front. 20cm.

"This little volume mainly consists of a reprint of a series of essays which appeared in the "American naturalist" (vols. I—V, 1867—71)"—Pref.

— — — Boston, Estes and Lauriat [pref. 1873]

Agr 3—1146

viii, iii—xvi, 17—225 p. incl. illus., front. 20cm.

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**Remarkable insects.** London, Religious tract society [n. d.]

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**Weed, Clarence Moores.** Life histories of American insects, by Clarence Moores Weed . . . New York, London, The Macmillan company, 1897.

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1 p. l., [807]-840 p. 29<sup>em</sup>.

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6 p. 26½<sup>em</sup>.

Report signed by J. L. Le Conte, Wm. Saunders, and C. V. Riley.

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**Scudder, Samuel Hubbard.** Historical sketch of the generic names proposed for butterflies, a contribution to systematic nomenclature, by Samuel H. Scudder . . . Salem, Naturalists' agency, 1875.

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**Walsingham, Thomas De Grey, 6th lord.** Rules for regulating nomenclature with a view to secure a strict application of the law of priority in entomological work, comp. by Lord Walsingham and John Hartley Durrant. London, New York and Bombay, Longmans, Green, and co., 1896.

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**Branden, Constant van den.** Catalogue des coléoptères carnassiers aquatiques. See under Coleoptera, p. 182.

**Miall, Louis Compton.** The natural history of aquatic insects, by L. C. Miall, F. R. S., with illustrations by A. R. Hammond, F. L. S. London and New York, Macmillan and co., 1895.

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**Needham, James George** . . . Aquatic insects in New York state; a study conducted at the entomologic field station, Ithaca, N. Y., under the direction of Ephraim Porter Felt . . . By James G. Needham . . . Alex D. MacGillivray . . . O. A. Johannsen . . . K. C. Davis . . . Albany, University of the state of New York, 1903. 3—28300

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CONTENTS.—**pt. 1.** Needham, J. G. Station work of the summer of 1901.—**pt. 2.** Needham, J. G. Food of brook trout in Bone Pond.—**pt. 3.** Needham, J. G. Life histories of Odonata suborder Zygoptera.—**pt. 4.** Needham, J. G. Some new life histories of Diptera.—**pt. 5.** MacGillivray, A. D. Aquatic Chrysomelidæ and a table of the families of coleopterous larvæ.—**pt. 6.** Johannsen, O. A. Aquatic nematoceros Diptera.—**pt. 7.** Davis, K. C. Sialididæ of North and South America.

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[193]—[198] p. illus. 22<sup>1</sup>/<sub>2</sub><sup>cm</sup>.

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Agr 4—264

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4 pts. 23<sup>cm</sup>.

CONTENTS.—**heft. 1.** Sarcopsylla, Pulex, Acanthia, Pediculidæ. 1899.—**heft. 2.** Demodex, Leptus, Dermanyssus, Argas, Ixodes, Pediculoides, Tetranychus, Tyroglyphus und diverse pseudoparasiten. 1899.—**heft. 3.** Diptera (musceiden und oestriden), Sarcophila, Sarcophaga, Calliphora, Anthomyia,



Musca, Lucilia, Teichomyza, Comptosia, Hypoderma, Dermatobia, Ochromyia. 1899.—heft. 4. Sarcophaga scabiei (von Wichmann bis 1899). Deutschland, Frankreich, England, Nordamerika, Niederlande, Scandinavien, Italien, etc.—Synonymik, etymologie, iconographie. Norwegische krätze. Psora bestiarum. Anhang (symplicites felis) 1900.

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**Brongniart, Charles J. E.** . . . Note rectificative sur quelques diptères tertiaires et en particulier sur un diptère des marnes tertiaires (miocène inférieur) de Chadrat (Auvergne), la Protomyia Oustaleti qui devra s'appeler Plecia Oustaleti . . . Lille, 1878.

1 p. l. [73]-81 p. 21<sup>cm</sup>.

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6 p. 22cm.

Reprinted from the Gentleman's magazine.

**Morren, Édouard, i. e. Charles Jacques Édouard.** Éloge de Jean-Théodore Lacordaire prononcé en séance publique du sénat académique de l'Université de Liège, le 14 novembre 1870 par M. Édouard Morren . . . Liège, Impr. de J. Desoer, 1870.

1 p. l., [5]—27 p. 22cm.

"Bibliographie de Th. Lacordaire:" p. [25]—27.

**Ord, George.** A memoir of Thomas Say . . . Read before the American philosophical society, on the 19th December, 1834. [n. p., 1834?]

15 p. 23cm.

**Ormerod, Eleanor Anne.** Eleanor Ormerod, LL. D., economic entomologist. Autobiography and correspondence, ed. by Robert Wallace . . . London, J. Murray, 1904.

4—14605

xx, 348 p. incl. illus., facsim. front., xxx pl. (incl. ports., maps) 23cm.

**Osten Sacken, Karl Robert Romanovich, baron von.** Record of my life work in entomology. [By] C. R. Osten Sacken. Cambridge, Mass., 1903-04. Agr 3-1080  
viii p., 1 l., 240, [2] p. 3 port., facsim. 24 $\frac{1}{2}$ cm.  
225 copies printed, of which this is no. 54.

"... 'Introduction' was first printed as a separate pamphlet by the Cambridge (England) university press, and was dated January 30, 1901. This second edition is a reprint of the first, and the principal change introduced consists in the mode of reference to the chapters ... which ... appear now collected in pt. II."

Pt. 3 issued separately, published at Heidelberg.

CONTENTS.—pt. 1, Introduction.—pt. 2. Twenty-four chapters on historical, biographical, critical, and purely entomological subjects connected with my work.—pt. 3. List of my entomological publications from 1854 to 1904.

**Packard, Alpheus Spring.** Charles Valentine Riley. New York, 1895.

[745]-751 p. 27cm.

From Science. n. s. vol. II.

**Planchon, Jules Émile.** Notice sur M. Jules Pagézy . . . Lyon, 1883.

8 p. 21cm.

Extrait de la Vigne américaine, tome VII, n° de janvier 1883.

**Planchon, Jules Emile.** Notice sur MM. Louis Bazille & Jules Lichtenstein.

. . . [Lyon] 1886.

7 p. 21 $\frac{1}{2}$ cm.

Extrait de la Vigne américaine, n° de décembre 1886.

**Planchon, Louis.** Jules Lichtenstein. Lettre adressée à Messieurs les membres de la Société d'étude des sciences naturelles de Nîmes . . . Nîmes, 1887.

cover-title, 12 p. 21 $\frac{1}{2}$ cm.

Extrait du Bulletin de la Société d'étude des sciences naturelles de Nîmes, 5. année, 1887.

**Powell, George R.** Frederick Valentine Melsheimer, a pioneer entomologist, and a noted clergyman and author. A paper read before the Historical society of York County, April 8, 1897. By George R. Prowell. [York, Penna., 1903]

cover-title, 17-26 p. 21 $\frac{1}{2}$ cm.

**Riley, Charles Valentine.** Darwin's work in entomology . . . [Washington, 1882]

70-80 p. 23 $\frac{1}{2}$ cm.

From Proceedings of the Biological society of Washington. vol. I.

**Sabatier, Armand.** Jules Lichtenstein, discours prononcé sur sa tombe au nom de la Société d'horticulture et d'histoire naturelle de l'Hérault, le 2 décembre 1886 par M. Armand Sabatier . . . Liste de ses publications dressée en partie par lui-même complétée par MM. J. E. Planchon et Valéry-Mayet. Louis Bazille, discours prononcé sur sa tombe le 27 novembre 1886 par J. E. Planchon. Montpellier, 1887.

32 p. 21 $\frac{1}{2}$ cm.

Extrait des Annales de la Société d'horticulture et d'histoire naturelle de l'Hérault (année 1887)

**Scudder, Samuel Hubbard.** Biographical notice of David Humphreys Storer . . . [Boston, 1893]

388-391 p. 24 $\frac{1}{2}$ cm.

Reprinted from the Proceedings of the American academy of arts and sciences, vol. XXVII.

**Scudder, Samuel Hubbard.** . . . The services of Edward Burgess to natural science . . . [Boston, 1892]

[358]-364 p. 24cm.

From the Proceedings of the Boston society of natural history, vol. XXV, December 16, 1891.

"List of the natural history writings of Edward Burgess:" p. 362-364.

**Silbermann, Gustave.** Énumération des entomologistes vivants, suivie de notes sur les collections entomologiques des principaux musées d'histoire naturelle d'Europe, sur les sociétés d'entomologie, sur les recueils périodiques consacrés à l'étude des insectes, et d'une table alphabétique des résidences des entomologistes. Par G. Silbermann . . . Paris, Roret; [etc. etc.] 1835.

v, 115, [1] p. 21 $\frac{1}{2}$ cm.

Agr 4-1779

**Wilder, Burt Green.** [William Stebbins Barnard] [Philadelphia, 1887]

1186-1187 p. 23cm.

Extracted from the American naturalist, December, 1887. vol. XXI.

## MISCELLANEOUS.

**Bargagli, Piero, marchese.** . . . Insetti commestibili. Lettura fatta nell' adunanza della Società entomologica italiana la sera del 7 marzo 1877. Firenze, 1877.

11 p. 24<sup>cm</sup>.

Estratto dalla Revista europea; Revista internazionale, del fascicolo 16 giugno 1877, anno 8, vol. II, fasc. V.

**Berg, Carlos.** . . . Canibalismo entre insectos. [Buenos Aires, 1892]

4 p. 25<sup>cm</sup>.

From Anal. Soc. cient. argent., t. xxxiv, p. 386-388. 1892.

**Brauer, Friedrich.** Insecten-leben im winter. Ein vortrag gehalten im Vereine zur verbreitung naturwissenschaftlicher kenntnisse in Wien am 22. märz 1871, von Friedr. Brauer. Wien, Selbstverlag des vereines, 1871. Agr 5—812

25 p. 18½<sup>cm</sup>.

**Entomology in the National museum.** [New York] 1885.

445-446 p. 25<sup>cm</sup>.

From Science, vol. VI, no. 146.

**Gadeau de Kerville, Henri.** Les insectes phosphorescents avec quatre planches chromolithographiées, par Henri Gadeau de Kerville . . . Rouen, Impr. L. Deshayes, 1881. Agr 3—1058-9

55 p. iv col. pl. 22½<sup>cm</sup>.

— Les insectes phosphorescents, notes complémentaires et bibliographie générale (anatomie, physiologie et biologie) par Henri Gadeau de Kerville. Rouen, Impr. J. Lecerf, 1887. Agr 3—1058-9

132 p., 1 l., [2] p. 22½<sup>cm</sup>.

**Garman, Harrison.** Entomology in the southern states. (U. S. Agriculture, Dept. of—Experiment stations, Office of. Bulletin 99. Washington, 1901. p. 153-160)

**Glover, Townend.** Entomological exhibition in Paris. (U. S. Agriculture, Commissioner of. Report . . . for the year 1865. Washington, 1866. p. 88-102)

**Glover, Townend.** . . . Petition of Professor Townend Glover proposing to transfer to the government certain entomological works, with the engraved plates prepared to illustrate the various species of insects of the North American continent . . . Washington, 1879.

5 p. 23<sup>cm</sup>. ([U. S.] 45th Cong., 3d sess., Senate. Misc. doc. no. 38)

**Glover, Townend.** Vindication of the Entomological and Museum divisions of the Department of agriculture. Washington, 1872.

7 p. 18½<sup>cm</sup>.

**Halford, Frederic Michael.** Dry fly entomology, a brief description of leading types of natural insects serving as food for trout and grayling with the 100 best patterns of floating flies and the various methods of dressing them, by Frederic M. Halford . . . London, Vinton & co., limited, 1897.

1 p. l., xii, 314 p. illus., xxviii pl. (x col.) fold. tab. 22½<sup>cm</sup>.

**Howard, Leland Ossian.** Division of entomology. (U. S. Agriculture, Dept. of. Yearbook, 1897. Washington, 1898. p. 84-89)

**Hummel, Arvid David.** Essais entomologiques. No. I. Quelques observations sur la blatte germanique. Nouv. éd. [St.-Petersbourg, 1829]

21, [1] p. 21<sup>cm</sup>.

"Liste alphabétique des ouvrages. p. 17-21."

With this is published a title-page for tome 1 (no. I-VI)

— No. V. Quelques réflexions sur l'étude de l'histoire naturelle. Insectes de 1825 . . . St.-Petersbourg, 1826.

2 p. l., 51 p. 22<sup>cm</sup>.

— No. VII. tome 2. no. I. St.-Petersbourg, 1829.

88 p. 21<sup>cm</sup>.

**Thering, Hermann von** Quelques observations sur les nids d'insectes, faits d'argile . . . [Rio Grande do Sol, 1892]  
7 p. 25<sup>cm</sup>.

**Langley, Samuel Pierpont.** . . . On the cheapest form of light from studies at the Alleghany observatory. By S. P. Langley and F. W. Very . . . [New Haven, 1890]

[97]-113 p. III-V pl. 23½<sup>cm</sup>.

From the American journal of science, vol. XL, August, 1890.

**Löw, Franz.** Ueber die bewohner der schwalbennester und die metamorphose der *Tinea spretella* S. V. . . . [Vienna] 1861.

6 p. 22½<sup>cm</sup>.

Aus den Verhandlungen der K. K. zoologisch-botanischen gesellschaft in Wien <jahrg. 1861> besonders abgedruckt.

**Macleay, William Sharp.** . Remarks on the identity of certain general laws which have been lately observed to regulate the natural distribution of insects and fungi . . . London, 1825.

46-68 p. 28<sup>cm</sup>.

From the Transactions of the Linnean society of London. vol. XIV.

**Notes** upon additions to the museum of the South Australian public library, museum, and art gallery, by "an amateur naturalist." Concluded. A continuation of the "notes" published in 1887 . . . Adelaide, W. H. Thomas & co., printers, 1889.

iii-vi, 42 p. 27<sup>cm</sup>.

Reprinted from The South Australian register and Adelaide observer.

**Ormerod, Eleanor Anne.** A lecture on effects of weather on insects, delivered at the Royal agricultural college, Cirencester London, 1882.

23 p. 18<sup>cm</sup>.

**Osborn, Herbert.** Entomological work in experimental stations. (U. S. Agriculture, Dept. of—Experiment stations, Office of. Bulletin 24. Washington, 1895. p. 85-88)

**Packard, Alpheus Spring.** On the genealogy of the insects . Philadelphia, 1883.

932-945 p. illus. 22<sup>cm</sup>.

From the American naturalist, September, 1883. vol. XVII.

**Patterson, Robert.** Letters on the natural history of the insects mentioned in Shakspeare's plays. With incidental notices of the entomology of Ireland. By Robert Patterson London, W. S. Orr & co., 1838.

Agr 3—1147

xv, 270 p. illus. 17½<sup>cm</sup>.

**Rennie, James.** Insect architecture, by James Rennie; new ed., much enl. by the Rev. J. G. Wood . . . with nearly two hundred illustrations. London, Bell and Daldy, 1869.

xv, 439 p. illus. 19<sup>cm</sup>.

**Riley, Charles Valentine.** Entomological papers . [Salem, 1879]

[3]-23 p. fold. map. 24<sup>cm</sup>.

From the Proceedings of the American association for the advancement of science, St. Louis meeting, August, 1878.

CONTENTS.—The philosophy of the movements of the Rocky Mountain locust.—A new source of wealth in the United States.—Notes on the life-history of the blister-beetles and on the structure and development of *Hornia*.—On the larval characteristics of *Corydalis* and *Chauliodes* and on the development of *Corydalis cornutus*.—Biological notes on the gall-making *Pemphiginae*.

**Riley, Charles Valentine.** . . . Locusts as food for man . . . [Salem, 1876]

[208]-214 p. 24<sup>cm</sup>.

From the Proceedings of the American association for the advancement of science, Detroit meeting, August, 1875.

**Riley, Charles Valentine.** Poisonous insects . . . New York, W. Wood & company, 1887.

1 p. l., 741-760 p. illus. 28<sup>cm</sup>.

Extracted from the Reference handbook of the medical sciences. vol. v, 1887.

**Riley, Charles Valentine.** . . . Report on the department of insects in the U. S. national museum, 1889 . . . Washington, 1891.

377-380 p. 24<sup>cm</sup>.

From the Report of the National museum, 1888-89, p. 377-380.

**Scudder, Samuel Hubbard.** Entomological notes. I-[VI] By Samuel H. Scudder . . . [Boston, 1868]-78.

6 pts. in 1 v. 2 pl. (1 fold.) 22<sup>cm</sup>-24<sup>1</sup>/<sub>2</sub><sup>cm</sup>.

Imprint of pt. IV-VI: Boston, Press of A. A. Kingman, 1875-78.

From the Proceedings of the Boston society of natural history, vol. XI-XIX.

**Scudder, Samuel Hubbard.** Problems in entomology. An address . . . Before the Entomological club (afterwards the subsection of entomology) of the American association for the advancement of science. Boston meeting, August 24, 1880. Salem, Mass., 1881.

9 p. 22<sup>1</sup>/<sub>2</sub><sup>cm</sup>.

From the Proceedings of the American association for the advancement of science, vol. XXIX, Boston meeting, August, 1880.

**Spruce, Richard.** . . Notes on some insect and other migrations observed in equatorial America . . . [London, 1868]

346-367 p. 22<sup>cm</sup>.

From the Journal of the Linnean society. Zoology, vol. ix.

**Wasmann, Eric.** Langlebige insecten. [Freiburg i. B., 1899]

496-506 p. 24<sup>cm</sup>.

From "Stimmen aus Maria-Laach, 1899, 10. heft.

## ENTOMOLOGY, ECONOMIC.

### AMERICAN.

**Adams, M. F.** Superintendent's report. [Injurious insects] Buffalo, 1900.

12 p. illus. 23<sup>1</sup>/<sub>2</sub><sup>cm</sup>. (On cover: Buffalo forestry association. Annual report)

**Aughey, Samuel.** Relation of insects to horticulture and agriculture . . . [Lincoln, 1879]

93-98 p. 23<sup>cm</sup>.

From the Annual report of the Nebraska state horticultural society, 1878-79.

**Banks, Nathan.** Principal insects liable to be distributed on nursery stock. Washington, 1902.

46 p. illus. 23<sup>cm</sup>. (U. S. Agriculture, Dept. of—Entomology, Division of. Bulletin, new ser., 34)

**Bessey, Charles Edwin.** Report on insects . . . Des Moines, 1874.

23 p. illus. 23<sup>cm</sup>.

Extracted from the report of the Iowa state agricultural society for 1873.

**Bessey, Charles Edwin.** Report on insects injurious to the plants and animals of the farm, to the Iowa state agricultural society . . . Des Moines, 1875.

24 p. illus. 23<sup>1</sup>/<sub>2</sub><sup>cm</sup>.

**Bruner, Lawrence.** Notes from Nebraska. (U. S. Agriculture, Commissioner of. Report of the Commissioner . . . for the year 1884. Washington, 1884. p. 398-403)

**Bruner, Lawrence.** Report on Nebraska insects. (U. S. Agriculture, Commissioner of. Report of the Commissioner . . . 1888. Washington, 1889. p. 139-141)

**Bruner, Lawrence.** Report on the season's observations in Nebraska. (U. S. Agriculture, Commissioner of. Report of the Commissioner . . . 1887. Washington, 1888. p. 164-170)

**Chittenden, Frank Hurlbut.** Some insects injurious to garden and orchard crops. Washington, 1899.

99 pp. illus. 23<sup>cm</sup>. (U. S. Agriculture, Dept. of—Entomology, Division of. Bulletin, new ser., 19)



**Cockerell, Theodore Dru Alison.** Economic entomology in Arizona . . . [London, 1900]

[366]—367 p. 25<sup>cm</sup>.

From Science-gossip, vol. VI, no. 72, May, 1900, p. 366-367.

**Comstock, John Henry.** Report on miscellaneous insects. (U. S. Agriculture, Commissioner of. Report of the Commissioner . . . for the years 1881 and 1882. Washington, 1882. p. 195-214. 7 pl.)

**Cook, Albert John.** Injurious insects of Michigan . . . [Lansing, 1875]

48 p. illus. 23 $\frac{1}{4}$ <sup>cm</sup>.

From Report of the State board of agriculture for 1874.

**Cook, Albert John.** Notes on noxious insects . . . [New York, 1887]

37-40 p. 23<sup>cm</sup>.

From the Proceedings of the 8th annual meeting of the Society for the promotion of agricultural science.

**Cooke, Matthew.** A treatise on the insects injurious to fruit and fruit trees of the State of California, and remedies recommended for their extermination. By Matthew Cook . . . Sacramento, J. D. Young, supt. state printing, 1881.

72 p. illus. 21 $\frac{1}{2}$ <sup>cm</sup>.

**Cutting, Hiram Adolphus.** An address upon farm pests, including insects, fungi, and animalcules, delivered at a meeting of the New Hampshire board of agriculture, by Hiram A. Cutting . . . Manchester, N. H., Printed by J. B. Clarke, 1879.

75 p. illus. 22 $\frac{1}{4}$ <sup>cm</sup>.

Cover-title: Pests of the farm.

**Fernald, Henry Torsey.** . . . Some common insect pests of the farmer. By H. T. Fernald. PH. D. . . . [Harrisburg] W. S. Ray, state printer of Pennsylvania, 1902.

Agr 3—183

32 p. illus., pl. 23 $\frac{1}{4}$  cm. (Commonwealth of Pennsylvania. Department of agriculture. Bulletin no. 99)

**Fitch, Asa.** . . . A brief account of the most important injurious insects of the United States. By Asa Fitch . . . Albany, L. Tucker & son, 1863.

vi, 293-321 p. illus. 20<sup>cm</sup>.

From the Illustrated annual register of rural affairs.

**Fitch, Asa.** The most pernicious species of United States insects and the Curculio, two addresses delivered at the annual meetings of the New York state agricultural society, A. D. 1859 and 1860. By Asa Fitch . . . Albany, Printed by C. Van Benthuyssen, 1860.

28 p. illus. 23<sup>cm</sup>.

**Forbes, Stephen Alfred.** . . . The food relations of the Carabidæ and Coccinellidæ . . . [Peoria, Ill., 1883]

[83]—64 p. 22 $\frac{1}{4}$ <sup>cm</sup>.

From Bulletin no. 6, Ill. State lab. of nat. hist., Normal, Ill., Jan., 1883.

**Forbes, Stephen Alfred.** Nursery inspection and orchard insecticide work in Illinois. (U. S. Agriculture, Dept. of—Experiment stations, Office of. Bulletin 99. Washington, 1901. p. 172-176)

**Glover, Townend.** Insects injurious and beneficial to vegetation. Wash., 1855. (U. S. Patent office. Report of the Commissioner of patents for the year 1854. Agriculture. Washington, 1855. p. 59-89)

**Goding, Frederic Webster.** A report on the insects injurious to vegetation in Iowa, to the secretary of the State agricultural society, for the year 1882 . . . Ancona, Ill., 1883.

11 p. 23<sup>cm</sup>.

Reprinted from the Transactions of the Iowa state agricultural society for 1882, p. 322-329.

**Gossard, Harry Arthur.** Economic entomology in Florida. (U. S. Agriculture, Dept. of—Experiment Stations, Office of. Bulletin 99. Washington, 1901. p. 178-182)

**Gossard, Harry Arthur.** Florida observations; experimental work. (U. S. Agriculture, Dept. of—Experiment stations, Office of. Bulletin 115. Washington, 1902. p. 129–131)

**Greene, C. A.** An essay on insects injurious to vegetation and how to get rid of them . . . [Harrisburg, 1883]

12 p. 22<sup>cm</sup>.

Advertisements: p. 10–12.

Read before the members of the State horticultural association of Pennsylvania, at their annual meeting at Harrisburg, Pa., January 17, 1883.

**Halstead, Byron David.** . . . Injurious garden insects . . . New York, 1883.

16 p. 18<sup>1</sup>/<sub>4</sub><sup>cm</sup>. (Home college series no. 88)

**Harris, Thaddeus William.** Extracts from Dr. Harris's work, On insects. (U. S. Patent office. Report of the Commissioner of Patents, showing the operations of the Patent office during the year 1844. Washington, 1845. p. 167–174)

**Harris, Thaddeus William.** Report on insects and diseases injurious to vegetation, read before the American pomological society, at its session in Boston, September, 1854 . . . Boston, 1854.

11 p. 24<sup>cm</sup>.

**Harris, Thaddeus William.** A report on the insects of Massachusetts injurious to vegetation. Published agreeably to an order of the legislature by the Commissioners on the zoological and botanical survey of the state. Cambridge, Folsom, Wells, and Thurston, printers to the University, 1841.

Agr 3—188

viii, 459 p. 24<sup>cm</sup>.

**Harris, Thaddeus William.** A treatise on some of the insects of New England which are injurious to vegetation. By Thaddeus William Harris, M. D. Cambridge, J. Owen, 1842.

Agr 5—58

2 p. l., 459 p. 24<sup>1</sup>/<sub>4</sub><sup>cm</sup>.

— A treatise on some of the insects of New England which are injurious to vegetation. By Thaddeus William Harris, M. D. 2d ed. Boston, Printed by White & Potter, 1852.

viii, 513 p. 24<sup>cm</sup>.

— A treatise on some of the insects injurious to vegetation. By Thaddeus William Harris, M. D. A new ed., enl. and improved, with additions from the author's manuscripts and original notes. Illustrated by engravings drawn from nature under the supervision of Professor Agassiz. Ed. by Charles L. Flint . . . Boston, Crosby and Nichols; New York, O. S. Felt, 1862.

xi, 640 p. illus., viii pl. incl. front. 21<sup>1</sup>/<sub>4</sub><sup>cm</sup>.

Wanting p. xi.

— Boston, Crosby and Nichols; New York, O. S. Felt, 1863.

xi, 640 p. illus., viii pl. incl. front. 21<sup>1</sup>/<sub>4</sub><sup>cm</sup>.

— New York, O. Judd company, 1890.

xj, 640 p. illus., viii pl. incl. front. 22<sup>cm</sup>.

**Hine, James Stewart.** . . Some greenhouse pests . . . Columbus, 1897.

8 p. 23<sup>1</sup>/<sub>4</sub><sup>cm</sup>.

Reprinted from the Columbus horticultural journal, vol. 12.

**Hollrung, Max.** Über das pflanzenschutzwesen in den Vereinigten Staaten von Nordamerika und was wir von ihm lernen können. [Berlin] 1894.

60–70 p. 24<sup>1</sup>/<sub>4</sub><sup>cm</sup>.

Sonderabdruck aus dem Jahrbuch der Deutschen landwirtschafts-gesellschaft 1894, bd. 9.

**Hopkins, Andrew Delmar.** The principal insect depredations and depredators noted in the state. A study of agricultural conditions in West Virginia and the needs of entomological work . . . [n. p., 1896]

cover-title, [93]–129 p. illus., 2 maps (1 fold.) 22<sup>cm</sup>.

"Life zones:" p. [117]–129.

"From the Ninth annual report of the West Virginia agricultural experiment station, 1896."

**Howard, Leland Ossian.** . . . A contribution to the study of the insect fauna of human excrement. <With especial reference to the spread of typhoid fever by flies> . . . Washington, D. C., 1900.

541-604 p. illus., xxx-xxxi pl. 26<sup>cm</sup>.

Proceedings of the Washington academy of sciences, vol. II, pp. 541-604.

**Howard, Leland Ossian.** The economic status of insects as a class . . . Address of the retiring president of the Biological society of Washington, delivered January 18, 1899. [New York, 1899]

33 p. 25<sup>cm</sup>.

Reprinted from Science, II. S., vol. IX, no. 216, p. 233-247, February 17, 1899.

**Howard, Leland Ossian.** How insects affect health in rural districts Washington, 1902.

20 p. illus. 23<sup>cm</sup>. (U. S. Agriculture, Dept. of. Farmer's bulletin 155)

Also published in Yearbook for 1901, p. 177-192, under title: Insects as carriers and spreaders of disease.

**Howard, Leland Ossian.** Progress in economic entomology in the United States. (U. S. Agriculture, Dept. of. Yearbook, 1899. Washington, 1900. p. 135-156. pl.)

**Illinois—State entomologist.** Miscellaneous essays on economic entomology by the State entomologist and his entomological assistants. Springfield, Ill., H. W. Rokker, state printer and binder, 1886.

130 p. 23<sup>cm</sup>.

Published as an appendix to the Transactions of the Department of agriculture . . . of Illinois . . . for 1886, vol. XXIII.

CONTENTS.—The entomological record for 1885. By S. A. Forbes.—Experiments on the codling moth and curculios . . . By S. A. Forbes.—A second contribution to the life history of the corn plant louse (*Aphis maidis* Fitch.) By H. Garman.—Partial economic bibliography of Indian corn insects. By Thomas F. Hunt.

**Iowa state horticultural society.** Entomological papers from the Transactions of the Iowa state horticultural society, for the year 1882. Comprising premium essays by Hon. J. N. Dixon and Miss Alice B. Walton, and the annual report of Prof. Herbert Osborn . . . Des Moines, F. M. Mills, state printer, 1883.

42 p. 23<sup>cm</sup>.

**Jack, John George.** . . . Notes on some injurious insects . . . [Boston, 1894]

133-151 p. 23<sup>cm</sup>.

From the Transactions of the Massachusetts horticultural society, for the year 1894, pt. I.

**Johnson, Willis Grant.** Insects beneficial to horticulture, paper read before the Horticultural society of central Illinois at the Griggsville meeting, January 9, 1896 . Savoy, Illinois, 1895.

18 p. illus. 22<sup>cm</sup>.

Extract from Transactions of the Society, vol. 29 (new series), 1895.

**Kellogg, Vernon Lyman.** . . . Common injurious insects of Kansas. By Vernon L. Kellogg. [Lawrence] The university, 1892.

viii, 126 p. illus. 22<sup>cm</sup>.

At head of title: The University of Kansas, Lawrence. Department of entomology .

**Klee, Waldemar Goetrik.** A treatise on the insects injurious to fruit and fruit trees of the state of California, and remedies recommended for their extermination. By W. G. Klee, state inspector of fruit pests. State board of horticulture. Sacramento, State office, J. D. Young, supt. state printing, 1888.

61 p. illus., 8 pl. (4 col.) 23<sup>cm</sup>.

Agr 4-38

**Le Conte, John Lawrence.** Hints for the promotion of economic entomology in the United States . . . [Boston] 1873.

[710]-722 p. 24<sup>1</sup>/<sub>2</sub><sup>cm</sup>.

From the American naturalist, vol. VII, December, 1873.

**Le Conte, John Lawrence.** . . . On the method of subduing insects injurious to agriculture. . . . [Philadelphia, 1876]

[202]-207 p. 24<sup>cm</sup>.

From the Proceedings of the American association for the advancement of science, Detroit meeting, August, 1875.

**Lintner, Joseph Albert.** . . . Late experiences with insects injurious to the orchard and garden . . . Rochester [1890]

20 p. 23<sup>cm</sup>.

From the Proceedings of the Western New York horticultural society, for 1890.

**Lintner, Joseph Albert.** A new principle in protection from insect attack . . . Rochester [1882]

15 p. 22<sup>cm</sup>.

From the Proceedings of the Western New York horticultural society, for 1882.

**Lintner, Joseph Albert.** . . . Some pests of the pomologist'. . . [Grand Rapids, Mich., 1887]

13 p. 28 x 21<sup>cm</sup>.

From the American pomological society's report for 1887.

**List of economic species of insects for public schools, with references to entomological literature.** Peoria, J. W. Franks & sons, printers, 1891.

cover-title, 13 p. 23½<sup>cm</sup>.

**Long, Elias A.** Our insect foes; how to deal with. Buffalo, 1887.

32 p. illus. 18<sup>cm</sup>.

**Lugger, Otto.** Insects injurious to small fruit. [n. p., n. d.]

9 p. illus. 23½<sup>cm</sup>.

**Marlatt, Charles Lester.** Insect control in California. (U. S. Agriculture, Dept. of. Year book, 1896. Washington, 1897. p. 217-236. illus., pl.)

**Marlatt, Charles Lester.** Report on useful and injurious insects and the grapevine phylloxera . . . Author's ed. From the reports of the U. S. commissioners to the Universal exposition of 1889 at Paris, vol. v. Agriculture. Published by the Department of state. Washington, Gov't print. off., 1893.

Agr 4—894

1 p.l., 427-459 p. illus. 23½<sup>cm</sup>.

**Murtfeldt, Mary Esther.** Entomological notes of the season of 1888. Wash., 1889. (U. S. Agriculture, Commissioner of. Report of the Commissioner, 1888. Washington, 1899. p. 133-139)

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48-53 p. 23<sup>cm</sup>.

From Thirty-second annual report of the State horticultural society of Missouri, 1889.

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315-324 p. 23<sup>cm</sup>.

From Forty-third annual report of the State horticultural society of Missouri, 1900.

**Murtfeldt, Mary Esther.** Some useful insects and their products. [Jefferson City, Mo., 1898]

228-238 p. 23<sup>cm</sup>.

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**Olliff, Arthur Sidney.** . . . Entomological notes . . . [Sydney, 1892]

6 p. illus. 24½<sup>cm</sup>.

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**Ongerth, Michael.** Ongerth's treatise on the insect pest, in orchards and vineyards, and his methods of exterminating the parasites. . . . San Francisco [n. d.]

12 p. 22<sup>cm</sup>.

**Osborn, Herbert.** Biologic notes on certain Iowa insects by Herbert Osborn and C. W. Mally. [Des Moines, 1896]

203-213 p. illus. 23<sup>cm</sup>.

From Contributions from the Department of zoology and entomology, Iowa state college of agriculture and mechanic arts [no. 1]

Reprinted from the Proceedings of the Iowa academy of sciences, 1895, vol. III (1896)

**Osborn, Herbert.** Entomological report . . . [Des Moines, 1880]

85-108 p. illus. 23<sup>cm</sup>.

From the Report of the Iowa state horticultural society for 1879. vol. 14.

CONTENTS.—Insects working on the apple.—On a species of plant-louse infesting the Scotch pine.—historical.

**Osborn, Herbert.** Papers on Iowa insects, consisting of fruit and forest tree insects (reprinted from Trans. State horticultural society, 1892, pp. 96-127) and some Iowa farm insects (reprinted from the Report of the State agricultural society, 1892, pp. 665-699) Des Moines, 1893.

67 p. illus. 23<sup>cm</sup>.

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**Packard, Alpheus Spring.** . . . Report on the Rocky Mountain locust and other insects now injuring or likely to injure field and garden crops in the western states and territories. By A. S. Packard, jr. . . . Washington, Gov't. print off., 1877.

2 p. l., 589-815 p. illus., LXII-LXX pl., 5 fold maps. 23<sup>cm</sup>.

Each plate accompanied by leaf of descriptive text.

At head of title: Department of the interior. United States geological survey. F. V. Hayden, U. S. geologist-in-charge.

Extracted from the Ninth annual report of the U. S. Geological and geographical survey of the territories for 1875.

**Perkins, George Henry** . . . On some of the injurious insects of Vermont . . . Montpelier, 1878.

39 p. illus. 22<sup>cm</sup>.

From the 5th report of the Vermont board of agriculture.

**Piper, Charles Vancouver.** Orchard enemies in the Pacific northwest. Washington, 1902.

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**Rathvon, Simon Snyder.** Entomological essay; read before the Fruit growers' association of eastern Pennsylvania, at its meeting in West Chester, on the 13th day of June, 1860 by S. S. Rathvon . . . Published by request. Philadelphia, Gardener's monthly book press, 1861.

AGR 4-3590

xi, [13]-36 p. vi pl. (1 col.) 24<sup>cm</sup>.

**Rathvon, Simon Snyder.** Entomology and its relations to the vegetable productions of the soil, with reference to both destructive and beneficial insects. (U. S. Patent office. Report of the Commissioner of patents for the year 1861. Agriculture. Washington, 1862. p. 585-620. illus.)

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"In continuation of the subject commenced on page 585 of the Agricultural Department of the Patent office Report for 1861."

**Read, Matthew C.** Destructive insects. [Columbus, 1883?]

99-109 p. 24<sup>cm</sup>.

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Read before the Summit county horticultural society.

**Riley, Charles Valentine.** Economic entomology; its relations to agriculture. With directions how to collect, preserve, and study insects . . . Jefferson City, Regan & Carter, 1873.

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cover-title, 35 p. illus. 23½<sup>cm</sup>.

**Riley, Charles Valentine.** "General truths in applied entomology." [Macon, 1884]

152-157 p. 23<sup>cm</sup>.

From the Transactions of Georgia state agricultural society, spring meeting, February 12th and 13th, 1884.

**Riley, Charles Valentine.** How to destroy insects that are injurious to agriculture. Atlanta, 1884.

33-36 p. 21½<sup>cm</sup>.

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19 p. 23<sup>cm</sup>.

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From the American garden, July, 1890.

**Rolfs, Peter Henry.** Injurious insects of the year. A brief study in insect dissemination. Advancements made in insecticides. A visit to the gypsy moth commission . . . [Tallahassee] 1896.

96-105 p. 24<sup>cm</sup>.

Reprinted from the Proceedings of the 9th annual meeting of the Florida state horticultural society, 1896.

**Sanborn, Francis Gregory.** Insects of Massachusetts which are beneficial to agriculture. [Boston, 1863].

124-185 p. illus. 21½<sup>cm</sup>.

From the 10th report of the secretary of the Massachusetts state board of agriculture, 1862.

**Sanderson, Ezra Dwight.** Insects injurious to staple crops. By E. Dwight Sanderson . . . 1st ed. 1st thousand. New York, J. Wiley & sons; London, Chapman & Hall, limited, 1902.

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x, 295 p. incl. front., illus. pl. 19½<sup>cm</sup>.

**Scott, W. M.** . . . Inspection and certification of nursery stock. By W. M. Scott. Atlanta, Ga., 1901.

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12 p. illus. 22<sup>cm</sup>. (Georgia state board of entomology. Bulletin no. 3, July 1901.)

**Sempers, Frank W.** Injurious insects and the use of insecticides. A new descriptive manual on noxious insects, with methods for their repression. By Frank W. Sempers . . . 3d ed. Philadelphia, W. A. Burpee & co., 1896.

x, 17-216 p. incl. front., illus. 19<sup>cm</sup>.

**Slingerland, Mark Vernon.** Some new notions about some old insects . . . Boston, 1899.

18 p. 24<sup>cm</sup>.

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xii, 11-481 p. front., illus., plates. 21<sup>cm</sup>.

**Smith, John Bernhard.** . . . Insects versus horticulture . . . Newark, 1890.  
15 p. 23<sup>cm</sup>.

From the Proceedings of the New Jersey state horticultural society, December 18 and 19, 1889.

**Snow, Francis Huntington.** . . . The best means of defense against the insect enemies of the horticulturist. [Topeka, G. W. Martin, 18—]  
12 p. 23<sup>1</sup>/<sub>2</sub><sup>cm</sup>.

An address . . . being the fourth in the course of educational lectures organized by Capital grange, Topeka, Kansas.

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From Quarterly report of the Kansas State board of agriculture, for the quarter ending March 31, 1883.

**Thomas, Cyrus.** . . . Manual of economic entomology for the state of Illinois. . . . (In Illinois. State entomologist. Report . . . on the noxious and beneficial insects of the state of Illinois, 6th, p. [63]-174; 7th, p. [133]-273; 9th, p. [71]-140. [Springfield] [1877?]-80. 3 pts. 22<sup>1</sup>/<sub>2</sub><sup>cm</sup>. illus.) Agr 5-243

Pt. I has title: The introduction to, and first part of, A manual [?] of economic entomology for the state of Illinois. The part herein present includes only the Coleoptera, or beetles.

Pt. II has title: Economic entomology of Illinois. Pt. II. Lepidoptera, or butterflies and moths, and their larva, or caterpillars. By Prof. G. H. French.

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**Titus, E. S. G.** Catalogue of the exhibit of economic entomology at the Louisiana purchase exposition, St. Louis, Mo., 1904. Comp. under the direction of the Entomologist by E. S. G. Titus and F. C. Pratt. Washington, 1904.

155 p. 22<sup>cm</sup>. (U. S. Agriculture, Dept. of—Entomology, Bureau of. Bulletin, no. 47)

— — — Rev. ed. Washington, 1904.

165 p. 22<sup>cm</sup>. (U. S. Agriculture, Department of.—Entomology, Bureau of. Bulletin no. 47)

**Uhler, Philip R.** Insects injurious to vegetation. (U. S. Patent office. Report of the Commissioner of patents for the year 1860. Agriculture. Washington, 1861. p. 312-322)

**United States—Dept. of agriculture.** Principal injurious insects of the years 1899, 1900, 1901, 1902, 1903. (U. S. Agriculture, Dept. of. Yearbook, 1899, p. 745-748; 1900, p. 725-729; 1901, p. 674-679; 1902, p. 726-733; 1903, p. 553-566. Washington, 1900-04)

**United States—Dept. of agriculture—Division of entomology.** Catalogue of the exhibit of economic entomology at the World's Columbian exposition, Chicago, Ill., 1893. Washington, 1893.

121 p. 23<sup>cm</sup>. (U. S. Agriculture, Dept. of.—Entomology, Division of. Bulletin 31)

**United States—Dept. of agriculture—Division of entomology.** Catalogue of the exhibit of economic entomology at the World's industrial and cotton centennial exposition, New Orleans, 1884-'85. Washington, 1888.

95 p. 23<sup>cm</sup>.

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46 p. pl. 23<sup>cm</sup>. (U. S. Agriculture, Dept. of.—Entomology, Division of. Bulletin 12)

**United States—Entomological commission.** Third report of the United States entomological commission, relating to the Rocky mountain locust, the western cricket, the army worm, canker worms, and the hessian fly; together with descriptions of larvæ of injurious forest insects, studies on the embryological development of the locust and of other insects and on the systematic position of the Orthoptera in relation to other orders of insects. Washington, 1883.

347, 92 p. illus., 64 pl., 3 maps. 23<sup>cm</sup>.

**Walsh, Benjamin Dann.** Insects injurious to vegetation, in Illinois . . . [Springfield, Ill., 1861]

48 p. illus., pl. 22<sup>cm</sup>.

Page 1-40, reprinted from Transactions of the Illinois state agricultural society, v. 4, p. 335-372.

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**Webster, Francis Marion.** . . . Horticultural entomology . . . Indianapolis, 1885.

23 p. incl. iv pl. illus. 23<sup>1</sup>/<sub>2</sub><sup>cm</sup>.

From Transactions of Indiana horticultural society, 1885. 25th annual meeting.

**Webster, Francis Marion.** Report of Committee on entomology, 1898, 1900. [Columbus] 1898-1900.

2 nos. illus. 25<sup>1</sup>/<sub>2</sub><sup>cm</sup>.

From the Annual report of the Ohio state horticultural society, 1898, 1900.

**Webster, Francis Marion.** Silent partners in horticulture . . . Toledo, 1892. 19-25 p. illus. 23<sup>1</sup>/<sub>2</sub><sup>cm</sup>.

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**Webster, Francis Marion.** The value of nursery inspection . . . Philadelphia, 1899.

3 p. 24<sup>cm</sup>.

From Proc. Am. Pom. Soc., Phila., 26th session, Sept. 1899.

**Weed, Clarence Moores.** Insects and insecticides. A practical manual concerning noxious insects and the methods of preventing their injuries. By Clarence M. Weed . . . Hanover, New Hampshire. Published by the author, 1891.

1 p. l., 281, [1] p. incl. front., illus. 6 pl. 22<sup>cm</sup>.

Agr 5-245

**Zimmerman, Charles D.** Entomology . . . [New York] 1882.

1 p. l., [51]-59 p. 24<sup>cm</sup>.

Extracted from the Agricultural review and Journal of the American agricultural association. vol. 2, no. 1. January, 1882.

**Zimmerman, Charles D.** . . . Entomology for the horticulturist . . . [n. p., 1882]

7 p. 15<sup>cm</sup>.

Published in March number of City and country.

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**Ascárate y Fernández, Casildo.** Insectos y criptógamas que invaden los cultivos en España, por D. Casildo Ascárate y Fernández . . . Obra premiada por el Ministerio de fomento en virtud del concurso abierto el 18 agosto de 1888. Madrid, Tipolitografía de L. Péant e hijos, 1893.

Agr 5-57

780 p. illus., VIII col. pl. 25<sup>3</sup>/<sub>2</sub><sup>cm</sup>.

**Balfour, Edward.** The agricultural pests of India, and of eastern and southern Asia, vegetable and animal, injurious to man and his products. By Surgeon-General Edward Balfour . . . London, B. Quaritch, 1887.

127 p. 19<sup>cm</sup>.

"Authorities consulted": p. [126]-127.

**Bargagli, Piero, marchese.** Distruzione degli insetti nocivi, Phylloxera, scaraffaggio delle patate (Doryphora), baco del cotone, cavallette del Colorado e di quelli che infestano i tepidari per mezzo dell' applicazione del fungo del lievito di birra proposta dal Dott. H. A. Hagen . . . Cambridge university press, John Wilson and son, 1879. [Firenze, 1880]

7 p. 23<sup>3</sup>/<sub>2</sub><sup>cm</sup>.

Estratto dal giornale L' agricoltura italiana, anno VI, fasc. LXIV.

**Boisduval, Jean Alphonse.** Essai sur l'entomologie horticole, comprenant l'histoire des insectes nuisibles à l'horticulture avec l'indication des moyens propres à les éloigner ou à les détruire et l'histoire des insectes et autres animaux utiles aux cultures, par le Dr. Boisduval . . . Paris, Librairie d'horticulture de E. Donnaud, 1867.

[iii]-xvi, 648 p. front. (port.) illus. 22<sup>1</sup>/<sub>2</sub><sup>cm</sup>.



**Bos, Jan Ritzema.** Insektenschade op bouw- en weiland, eene handleiding voor de kennis van de kleine vijanden van akker- en weidebouw, door Dr. J. Ritzema Bos . . . Groningen, J. B. Wolters, 1883.

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**Bos, Jan Ritzema.** . . . Kurze mittheilungen über insektenfrass in den Niederlanden in den jahren 1890-91 . . . Stuttgart, [1893]

[336] -353 p. 24<sup>cm</sup>.

Sonderabdruck aus der "Zeitschrift für pflanzenkrankheiten."

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pt. 2-3. 24<sup>cm</sup>.

Sonderabdruck aus der "Zeitschrift für pflanzenkrankheiten," iv. bd., 3. und 4. heft, p. 145-150, 218-229.

Pt. [1] published in Zeitschrift für pflanzenkrankheiten, iv. bd., p. 94-100.

**Bramson, Konstantin Liūdvigovich.** Вредныя насѣкомыя и мѣры для борьбы съ ними. (Практическая энтомологія) Руководство для сельскихъ хозяевъ, сельско-хозяйственныхъ учебныхъ заведений, народныхъ учителей и учительскихъ семинарій. Составилъ К. Л. Брамсонъ . . . изданіе 2-е, пересмотрѣнное и значительно дополненное . . . Екатеринославъ, Типолитографія Я. М. Чаусскаго, 1894-96.

Agr 4-485

2 pts. 14 pl. (10 col.) 25<sup>cm</sup>.

Injurious insects and the means of combating them. (Practical entomology) Handbook for farmers, agricultural educational institutions, public teachers and seminary teachers . . . Ed. 2, rev. and considerably enl. . . .

Publisher, pt. 2: Высочайше утвержденное Товарищество „Печатня С. П. Яковлева."

**Brischke, C. G. A.** Die blattminirer in Danzig's umgebung . . . Danzig, 1880.

2 p. 1., 58 p. illus. 24<sup>cm</sup>.

"Separatabdruck aus den Schriften der Naturforschenden gesellschaft. neue folge, 5. bandes, 1. heft."

**Brocchi, Paul.** Rapport sur les observations faites en 1894-5 à la station entomologique de Paris . . . Paris, 1895-96.

2 nos. col. pl. 28<sup>cm</sup>.

Extrait du Bulletin du Ministère de l'agriculture, vol. xiv-xv.

**Costa, Achille.** Degl' insetti che attaccano l' albero ed il frutto dell' olivo, del ciliegio, del pero, del melo, del castagno, e della vite, e le semenze del pisello, della lenticchia, della fava, e del grano; loro descrizione e biologia danni che arrecano e mezzi per distruggerli, per Achille Costa . . . Ed. 2 rivuduta ed accresciuta dalla stesso autore . . . Napoli, Pei tipi del commendatore G. Nobile, 1877.

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[3]-340 p. xiii pl. 29<sup>cm</sup>.

**Curtis, John.** Farm insects: being the natural history and economy of the insects injurious to the field crops of Great Britain and Ireland, and also those which infest barns and granaries. With suggestions for their destruction. By John Curtis . . . Glasgow, Edinburgh, and London, Blackie and son, 1860.

Agr 5-143

1 p. 1., xiv, [15]-528 p. 16 col. pl. (incl. front.) 25<sup>cm</sup>.

**Decaux, François.** . . . Étude sur les insectes nuisibles recueillis à l'Exposition universelle. Moyens de les détruire . . . Paris, Imprimerie de la Société de typographie, 1890.

36 p. 24<sup>cm</sup>.

At head of title: Société des agriculteurs de France.

**Fletcher, James.** The farm pests of insect life; evidence of Dr. James Fletcher . . . before the Select standing committee on agriculture and colonization 1899; printed by order of Parliament. Ottawa, Printed by S. E. Dawson, 1899.

20 p. 24<sup>cm</sup>.

**Fletcher, James.** Injurious insects. [Ottawa, 1895]

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**Fletcher, James.** . . . Recent additions to the list of injurious insects of Canada . . . Ottawa, J. Hope & sons; [etc., etc.] 1899.

207-231 p. illus. 25<sup>cm</sup>.

From the Transactions of the Royal society of Canada, 2d ser., 1899-1900. Vol. v, section iv. Geological and biological sciences.

**Franceschini, Felice.** . . . Gli insetti nocivi, di Felice Franceschini . . . Milano, U. Hoepli, 1891. Agr 4—205

vii, [1], 263, [1] p. illus. 15½<sup>cm</sup>. (Manuali Hoepli)

Note bibliografiche": p. at end.

**Franceschini, Felice.** . . . Gli insetti utili, di Felice Franceschini . . . Milano, U. Hoepli, 1882. Agr 4—206

xi, 160 p. incl. front., illus. 15½<sup>cm</sup>. (Manuali Hoepli)

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**Frauenfeld, Georg, ritter von.** Ueber die bisher eingelangten diessjährigen berichte von landwirthschaftlichen insekten-schäden . . . [Wien] 1866.

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From Verhandlungen der K. K. Zoologisch-botanischen gesellschaft in Wien, bd. xvi.

Anhang. Ueber die mittel gegen den buckligen ackerlaufkäfer. Von Herrn Gust. Künstler: p. 645-646.

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4 p. 22<sup>cm</sup>.

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**Frauenfeld, Georg, ritter von.** Ueber einige pflanzenverwüster, eingesendet von Sr. Durchl. fürst Colloredo-Mannsfeld . . . [Wien, 1864]

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**French, Charles.** A handbook of the destructive insects of Victoria, with notes on the methods to be adopted to check and extirpate them. Prepared by order of the Victorian Department of agriculture by C. French . . . Melbourne, R. S. Brain, government printer 1891-1900.

pt. 1-3. illus, plates (partly col.) 22<sup>cm</sup>.

**Froggatt, Walter Wilson.** Economic entomology . . . Sydney, 1898.

6 p. 25<sup>cm</sup>. (Department of agriculture, Sydney, New South Wales. Miscellaneous publication, no. 213)

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**Froggatt, Walter Wilson.** Entomological notes . . . [Sydney, 1897]

99-104 p. pl. 25<sup>cm</sup>.

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**Froggatt, Walter Wilson.** . . . Entomological notes for 1898 . . . Sydney, 1899.

7 p. 11 pl. 25<sup>cm</sup>. (Department of agriculture, Sydney, New South Wales. Miscellaneous publication, no. 327)

From Agricultural gazette of N. S. Wales, vol. x, September, 1899.

**Froggatt, Walter Wilson.** . . . Entomological notes on specimens received during 1899. . . Sydney, 1900.

13 p. 2 pl. 25<sup>cm</sup>. (Department of agriculture, Sydney, New South Wales. Miscellaneous publication, no. 405)

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**Froggatt, Walter Wilson.** Entomological work and notes for 1900 . . . Sydney, 1901.

12 p. 2 pl. 25<sup>cm</sup>. (Miscellaneous publication, no. 487)

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**Froggatt, Walter Wilson.** Forest moths that have become orchard and garden pests . . . [Sydney, 1896-97]

4 pts. 5 pl. 24½cm.

From the Agricultural gazette of New South Wales, vol. VII, p. 757-759; vol. VIII, p. 44-46, 135-137, 253-255.

**Froggatt, Walter Wilson,** Notes on insects attacking dried fruit, seeds, and other vegetable matter . . . [Sydney, 1898]

[1103]-1105 p. pl. 24½cm.

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6 p. 2 pl. 25cm. ([New South Wales. Dept. of agriculture] Miscellaneous publication, no. 611)

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**Fuller, Claude.** . . . Entomological notes . . . Sydney, 1896.

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88-95 p. illus. 24½cm.

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13 p. illus. 22cm.

Reprinted from the Fourth report of the Montreal horticultural society.

**Gimmerthal, B. A.** Beobachtungen über einige in krankhaft faulenden kartoffeln gefundene acarier und dipterenlarven. Beobachtete metamorphose einer neuen fliegenspecies und einer bereits bekannten blattwespe . . . [Riga, 1848]

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Aus d. Arb. d. Nat. ver. in Riga. bd. 1. 1848.

**Girard, Maurice.** Études sur les insectes carnassiers utiles à introduire dans les jardins et à protéger contre la destruction . . . Paris, 1873.

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Extrait du Bulletin de la Société d'acclimatation, v. 19, 1872.

**Girard, Maurice.** Les végétaux importés et les insectes indigènes et réciproquement . . . [Paris] 1876.

4 p. 21½cm.

Extrait du Journal de la Société centrale d'horticulture de France, 2. série, t. IX, 1876, p. 727-730.

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258 p. 21½cm.

**Griffiths, Arthur Bower.** The diseases of crops and their remedies; a handbook of economic biology for farmers and students. By A. B. Griffiths . . . London, G. Bell & sons, 1890.

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**Guénaux, Georges.** . . . Entomologie et parasitologie agricoles, par Georges Guénaux . . . introduction par le Dr. P. Regnard . . . Paris, J.-B. Baillière et fils, 1904. Agr 4—82

xii, 588 p. illus. 18½<sup>cm</sup>. (Encyclopédie agricole . . .)

**Guérin-Méneville, Félix Édouard.** Entomologie appliquée à l'agriculture. De la destruction des insectes nuisibles au blé et aux olives, d'après les recherches de M. Guérin-Méneville, pendant les deux missions qui lui ont été confiées en 1845 et 1846, l'une par M. le ministre de l'agriculture et du commerce, et l'autre par la Société royale et centrale d'agriculture de Paris. [Marseille, Typographie Barlatier-Feissat et Demonchy, 1847?]

12—39 p. 22<sup>cm</sup>.

Extrait des Annales provençales d'agriculture.

**Guérin-Méneville, Félix Édouard.** Rapport fait à la Société royale et centrale d'agriculture, sur le concours ouvert pour la découverte et la mise en pratique de moyens propres à détruire les insectes nuisibles aux forêts, aux grandes cultures, aux jardins fruitiers, potagers et fleuristes; commissaires, MM. Vilmorin, Héricart de Thury, Huzard, de Gasparin Mérat, Dutrochet, et Guérin-Méneville, rapporteur, Paris, 1846.

15 p. 23<sup>cm</sup>.

Extrait des Mémoires de la Société royale et centrale d'agriculture.—Séance publique du 8 avril.—année 1846.

**Henschel, Gustav A. O.** Die insecten-schädlinge in ackerland und küchengarten, ihre lebensweise und bekämpfung, von Gustav Henschel . . . Leipzig und Wien, F. Deuticke, 1890. Agr 4—208

3 p. l., 232 p., 1 l. 19<sup>cm</sup>.

**Henschel, Gustav A. O.** Die schädlichen, forst- und obstbaum-insekten, ihre lebensweise und bekämpfung. Praktisches handbuch für forstwirthe und gärtner von Gustav A. O. Henschel . . . 3. neubearb. aufl. Berlin, P. Parey, 1895.

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Agr 5—155

**Hollrung, Max.** . . . Pflanzenschutz . . . Berlin, Gedruckt in der reichsdruckerei [1893]

cover-title, 24 p. illus. 32½<sup>cm</sup>.

Sonderabdruck aus dem Amtlichen bericht über die weltausstellung in Chicago 1893.

**Holmgren, August Emil.** Om åkerns vanligaste skadeinsekter. Af Aug. Emil Holmgren. Med 61 färglagda afbildningar. (Prisbelönt af Kongl. patriotiska sällskapet) Stockholm, P. A. Norstedt & söners förlag [1873]

[4], 72, [2] p. 4 col. pl. 17<sup>cm</sup>.

**Horváth, Géza.** . . . Konyhasós es szikes területeink rovarfaunája. [Buda-pest? 1903?]

[206]—211 p. 24½<sup>cm</sup>.

From Különlenyomat az állattani közlemények II. Kötetének 5. füzetéből.

**Hungary—Magyar kir. állami rovertani államás.** Jelentés az 1884—1889, években felmerült gazdasági rovarakárokról . . . Budapest, 1892.

150 p. illus., 1 pl. 23½<sup>cm</sup>. (A M. K. állami rovertani állomás közleményei. 1 kötet, 8. füzet)

**Kaltenbach, Johann Heinrich.** Die pflanzenfeinde aus der klasse der insekten. Ein nach pflanzenfamilien geordnetes handbuch sämtlicher auf den einheimischen pflanzen bisher beobachteten insekten zum gebrauch für entomologen, insekten-sammler, botaniker, land- und forstwirthe und gartenfreunde von J. H. Kaltenbach . . . Stuttgart, J. Hoffmann, 1874. Agr 5—91

viii, 848 p. illus. 22½<sup>cm</sup>.

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**Kolbe, Hermann Julius.** . . . Gartenfeinde und gartenfreunde. Die für den gartenbau schädlichen und nützlichen leberwesen. Von Prof. H. Kolbe . . . Berlin, K. Siegismund [1901]

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2 p. l., 318, [2] p. illus. 18½<sup>cm</sup>. (Gartenbau-bibliothek. Hrg. von Dr. Udo Dammer. bd. 34-36) "Litteratur": p. 298-305.

**Kollar, Vincenz.** A treatise on insects injurious to gardeners, foresters, & farmers. By Vincent Köllar . . . Tr. from the German, and illustrated by engravings, by J. and M. Loudon. With notes, by J. O. Westwood . . . London, W. Smith, 1840.

xvi, 377, [1] p. illus. 18½<sup>cm</sup>.

Agr 5—166

**Koningsberger, J. C.** Eerste overzicht der schadelijke en nuttige insecten van Java, door Dr. J. C. Koningsberger. Batavia's Gravenhage, G. Kolff & co., 1898. 3 p. l., 53, [1] p. 26<sup>cm</sup>. (Mededeelingen uit 's Lands plantentuin. xxii)

**Koningsberger, J. C.** Ziekten van rijst, tabak, thee en andere cultuurgewassen, die door insecten worden veroorzaakt, door Dr. J. C. Koningsberger . . . Batavia, G. Kolff & co., 1903.

Agr 4—202

1 p. l., ii, 109 p. 5 pl. (3 col.) 25½<sup>cm</sup>. (Mededeelingen uit 's Lands plantentuin. LXIV)

**Köppen, Fedor Petrovich.** Die schädlichen insekten Russlands. Von Friedrich Theodor Köppen . . . St. Petersburg, Buchdruckerei der Kaiserlichen akademie der wissenschaften, 1880.

Agr 4—3392

3 p. l., vi, 526 p., 1 l. col. pl. 24<sup>cm</sup>. (Added t-p.: Beiträge zur kenntniss des Russischen reiches und der angrenzenden länder Asiens. 2. folge . . . hrg. von G. v. Helmersen und L. v. Schrenck. bd. iii)

**Köppen, Fedor Petrovich.** Вредныя насекомыя. Сочинение Федора Копена. Издание Департамента земледѣлія и сельской промышленности. Санкт-петербургъ, Типографія Императорской академіи наукъ, 1881-83.

Agr 4—488

3 v. illus. 25<sup>cm</sup>.

Injurious insects . . . Publication of the Department of agriculture and rural industries.

**Künstler, Gustav Adolf.** Beiträge zur kenntniss der der land- oder forstwirthschaft schädlichen insekten . . . [Wien, 1864]

[779]-784 p. 22½<sup>cm</sup>.

From Verhandlungen der K. K. Zoologisch-botanischen gesellschaft in Wien, vol. xiv, 1864.

**Künstler, Gustav Adolf.** Die unseren kulturpflanzen schädlichen insekten. Mit besonderer rücksicht auf die erscheinungen, welche bei den beschädigungen durch insekten sich zeigen und das stadium der entwicklung, in welchem sie vorzugsweise schädlich sind. Für den landmann zusammengestellt von Gustav Künstler . . . Hrg. von der K. K. Zool.-bot. gesellschaft. Wien, Im selbstverlage der gesellschaft, 1871.

xxii, 96 p. 22½<sup>cm</sup>.

**Künstler, Gustav Adolf.** Zusammenstellung und erörterungen über die im laufe der jahre 1866 und 1867 eingegangenen berichte über land- und forstwirthschaftsschäden durch insecten . . . [Wien] 1867.

[913]-962 p. 22½<sup>cm</sup>.

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**Lea, Arthur M.** . . . Remedies for insect & fungoid pests of the orchard and farm. By Arthur M. Lea . . . Hobart, Tasmania, J. Vail, government printer, 1902.

38 p. 21½<sup>cm</sup>.

Agr 3—558

At head of title: Department of agriculture, Tasmania.

— . . . Remedies for insect & fungus pests of the orchard and farm. (2d ed.) By Arthur M. Lea . . . Hobart, Tasmania, J. Vail, government printer, 1903.

58, [1] p. illus. 21½<sup>cm</sup>.

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2 p. l., 8 p. 22½<sup>cm</sup>. (Department of agriculture, Mysore state. Bulletin no. 1)

**Lindemann, Karl Eduardovich.** Entomologische beitrage . . . [Москва, 1887]

13, [1] p. illus. 24<sup>cm</sup>.

"Изд. Императорскаго московскаго общества испытателей природы."

**Lindemann, Karl Eduardovich.** Вредныя насѣкомыя Кубанской области. Исследование К. Э. Линдемана . . . Изданіе Кубанскаго областного статистическаго комитета. Одесса, Типографія Л. Нитче, 1883.

288, [4] p. 22<sup>cm</sup>.

Injurious insects of the province of Kuban.

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**Lunardoni, Agostino.** Gli insetti nocivi ai nostri orti, campi, frutteti e boschi, loro vita danni e modi per prevenirli per Agostino Lunardoni . . . Napoli, R. Marghieri di Gius, 1889-1901.

Agr 3-12.5

4 v. in 3. illus. 24<sup>cm</sup>. (Added t.p.: La scienza e la pratica dell' agricoltura esposte e coordinate. Trattato completo di agricoltura e di scienze affini per uso dei proprietari ed agricoltori italiani compilato da un' associazione di professori sotto la direzione e con la collaborazione del Cav. Dr. Paride Palmeri . . . e del Prof. Marcello Pepe . . . Vol. II.)

Publisher of v. 2-4: E. Marghieri.

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Contains bibliographies.

CONTENTS.—v. 1. Parte generale e coleotteri. [By Agostino Lunardoni] 1889.—v. 2. Lepidotteri o farfalle. [By Agostino Lunardoni] 1894.—v. 3. Imenotteri e ditteri . . . per il Dr. Gustavo Leonardi . . . 1900.—v. 4. Neuroteri, emitteri, fissapodi, ortotteri e pseudoinsetti . . . per il Dr. Gustavo Leonardi, 1901.

**Major, Joshua.** A treatise on the insects most prevalent on fruit trees and garden produce, giving an account of the different states they pass through, the depredations they commit, and recipes for their destruction, including the recipes of various authors, with remarks on their utility; also, a few hints on the causes and treatment of mildew and canker on fruit trees and cucumbers, &c., &c., &c. By Joshua Major . . . London, Longman, Rees, Orme, Brown, and Green; [etc., etc.] 1829.

Agr 4-216

xv, [1], [9]-302 p. 23½<sup>cm</sup>.

**Marchal, Paul.** . . . L'entomologie appliquée en Europe . . . Paris, 1896.

26 p. 24<sup>cm</sup>.

From the Bulletin de la Société nationale d'acclimatation de France, 1896.

**Marchal, Paul.** . . . Sur les insectes nuisibles de Tunisie et d'Algérie. Paris [1897]

5 p. 23½<sup>cm</sup>.

From Association française pour l'avancement des sciences . . . Congrès de Carthage, 1896.

**Matheson, Robert E.** . . . Special report on insects, fungi, and weeds injurious to farm crops. Illustrated with original drawings by Robert E. Matheson . . . Presented to both Houses of Parliament by command . . . Dublin, Printed for H. M. Stationery off., by A. Thom & co. (limited), 1890.

xiv, 29, [1] p. vii fold. pl. 25<sup>cm</sup>. (Supplement to the Agricultural statistics of Ireland for the year 1889)

**Mexico—Ministerio de fomento, colonización é industria.—Comisión de parasitología agrícola.** . . . Catalogue of collections of pests and insecticides . . . Mexico, F. P. Hoeck and company, 1901.

6 p. 24<sup>cm</sup>.

At head of title: Commission of agricultural parasitology of the Secretary for public promotion. Mexico.

**Miall, Louis Compton.** Injurious and useful insects, an introduction to the study of economic entomology, by L. C. Miall . . . London, G. Bell & sons, 1902.

viii, 256 p. illus. 18½<sup>cm</sup>. [Bell's science series]

**Montillot, Louis.** Les insectes nuisibles . . . Histoire et législation, les forêts, les céréales et la grande culture, la vigne, le verger et le jardin fruitier, le potager, le jardin d'ornement à la maison. Paris, J.-B. Baillière et fils, 1891.

308 p. illus. 18<sup>cm</sup>. (Half-title: Bibliothèque des connaissances utiles)

**Murray, Andrew.** Economic entomology. By Andrew Murray, F. L. S. Aptera. Prepared at the request of the Lords of the Committee of Council on education, and published for them. [London] Chapman and Hall [1877] Agr 5—173-4  
1 p. l., xxiii, 433 p. illus. 20<sup>cm</sup>. (*Half-title*: South Kensington museum science handbooks)

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76 x 51<sup>cm</sup>.  
Broadside.

**Notes** for observations of injurious insects. London, 1877.  
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**Nowicki, Maximilian.** Beobachtungen über der landwirthschaft schädliche thiere in Galizien im jahre 1873 . . . [Wien] 1874.  
[355]—376 p. 23<sup>cm</sup>.

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**Ormerod, Eleanor Anne.** Insect prevention. I. [London, 1884]  
276-281 p. 23<sup>cm</sup>.

A lecture delivered at the Royal agricultural college, Cirencester.  
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**Ormerod, Eleanor Anne.** A manual of injurious insects with methods of prevention and remedy for their attacks to food crops, forest trees, and fruit. To which is appended a short introduction to entomology. Comp. by Eleanor A. Ormerod . . . 2d ed. London, Simpkin, Marshall, Hamilton, Kent & co., limited, 1890.  
xiv p., 1 l., 410 p. front. (port.) illus. 22¼<sup>cm</sup>.

**Ormerod, Eleanor Anne.** Miss Ormerod on injurious insects. A paper read at a meeting of the Richmond athenæum, on March 27th, 1882, with addresses by Sir Joseph Hooker, C. B., &c., &c. Richmond [1882]  
15 p. 18<sup>cm</sup>.  
Reprinted from the Richmond and Twickenham times of April 1st.

**Ormerod, Eleanor Anne.** On methods of prevention of insect-injury . . . London, 1884.  
8 p. 22<sup>cm</sup>.  
From the 'Transactions of the Hertfordshire natural history society,' vol. ii, pt. 1, August, 1882.

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xvi, 238 p. illus. 19<sup>cm</sup>.

**Panton, James Hoyes.** Insect foes and how to destroy them. Economic entomology. By J. Hoyes Panton . . . London, Ont., London printing & lithographing co., 1895.  
2 p. l., iii, 85 p. 17¼<sup>cm</sup>.

**Porchinskii, Iosif Aloizievich.** О вредных насѣкомыхъ южной Россіи. Изъ отчета, представленнаго Департаменту земледѣлія и сельской промышленности секретаремъ энтомологическаго общества, І. Порчинскимъ. С.-Петербургъ, Тип. В. О. Демакова, 1879.  
68 p., 1 l. 25<sup>cm</sup>.

Injurious insects of southern Russia; from the report presented to the Department of agriculture and rural industries by the secretary of the Entomological society.  
Agr 4—491

**Reh, Ludwig.** Schädigung der landwirthschaft durch thierfrass im jahre 1898 . . . [Berlin] 1899.

[561]—566 p. 33<sup>cm</sup>.

From Naturwissenschaftliche wochenschrift, xiv. bd., nr. 48.

**Rendu, Victor.** Les insectes nuisibles à l'agriculture aux jardins et aux forêts de la France, par V. Rendu . Paris, Librairie Hachette et c<sup>ie</sup>, 1876.

267 p. illus. 18½<sup>cm</sup>.

**Reuter, Enzo.** Till frågan om inrättandet af en entomologisk försöksstation. [Helsingfors, 1894?]

10 p. 22<sup>cm</sup>.

Öfvertryck ur Biet.

**Reuter, Odo Morannal.** . . Ängsmasken, II. Berättelse öfver en på K. Finska hushållningssällskapets bekostnad sommaren 1892 företagen resa i och för studium af ängsmasken och de naturenlige medlen till dess utrotande, af O. M. Reuter. Åbo, Åbo tidnings tryckeri-aktiebolag, 1893.

28 p. 21½<sup>cm</sup>.

At head of title: K. Finska hushållningssällskapet.

**Russia**—*Departament zemleděliia i sel'skoj promyshlennosti.* Хлѣбный жукъ (Anisoplia austriaca) и другія вредныя насѣкомыя: Хлѣбный пилильщикъ (Cephus pygmaeus), гессенская муха (Cecidomya destructor), длинноусикъ (Dorcadien pigrum) С. Петербургъ, 1880.

Agr 4—493

1 p. 1., ii, iv, 102 p., 1 l. col. pl. 24½<sup>cm</sup>.

Wheat weevil (Anisoplia austriaca) and other injurious insects: Wheat-stem sawfly (Cephus pygmaeus), Hessian fly (Cecidomya destructor), Dlinnousik (Dorcadien pigrum)

"Литература": p. 83—87.

**Schilling, Heinrich, freiherr von.** Allerlei nützliche garteninsekten! Neu durchgesehener und vermehrter sonderabdruck aus dem "Praktischen ratgeber im obst- und gartenbau," von Heinrich freiherr von Schilling . . . 2. auf. Frankfurt a. d. Oder, Druck und verlag der Königlichen hofbuchdruckerei Trowitzsch u. sohn, 1899.

Agr 4—1782

1 p. 1., 35 p. illus., fold. col. pl. 22½<sup>cm</sup>.

**Schmidt, Ferdinand Joseph.** Lebens- und vertilgungsweise einiger dem landwirth schädlicher insecten, nebst angabe einer neuen fang-methode für mehrere nachschmetterlinge. Nach eigenen erfahrungen zusammengestellt von Ferd. Jos. Schmidt . . . (Bei der Akademie eingegangen den 5. september 1883 . . . ) [Halle, 1883]

1 p. 1., 16 p. col. pl. 29½<sup>cm</sup>

Acta Acad. Cæs. Leop. Carol. nat. cur. vol. xvii. p. i.

**Schmidt-Göbel, Hermann Max.** Die schädlichen und nützlichen insecten in forst, feld und garten von med. Dr. H. M. Schmidt-Göbel . . . Vierzehn foliotafeln in farbendruck. Mit erlassen des hohen K. K. Ministeriums für cultus und unterricht vom 27. august 1881, z. 12137 und vom 6. april 1882, z. 4770 zum unterrichtsgebrauche in volks- und bürgerschulen für zulässig erklärt. Wien, Verlag von A. Pichler's witwe & sohn, 1896.

14 col. pl. 39 x 46<sup>cm</sup>.

**Schøyen, Wilhelm Maribo.** . . Einige bermerkungen zu A. B. Frank: Die tierparasitären krankheiten der pflanzen. Breslau 1896 . . [Stuttgart, 1898]

3 p. 24<sup>cm</sup>.

Sonderabdruck aus der "Zeitschrift für pflanzenkrankheiten." viii. bd., ii. hft.

**Schøyen, Wilhelm Maribo.** Hvilke foranstaltninger bør hos os træffes fra det offentlige side til bekjæmpelse af kulturplanternes fiender blandt skadeinsekter og snyltesoppe? Fokedrag af konservator W. M. Schøyen i Selskabet for Norges vel den 23. februar 1894. [n. p., 1894]

18 p. 23<sup>cm</sup>.



**Shimer, Henry.** Nature's method of controlling noxious insects . . . [Chicago, 1868]

[96]—110 p. 23½<sup>em</sup>.

From the Transactions of the Northern Illinois horticultural society, vol. I.

**Smirenskiĭ, Andronik Ivan.** . . . Ueber schädliche Insekten der Umgebung von Kazan . . . Казань, 1891.

18 p. 24<sup>em</sup>.

(Труды Общества естествоиспытателей при Императорскомъ Казанскомъ университетѣ. Томъ XIII. Выпускъ 4)

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**Somerville, William.** Farm and garden insects, by William Somerville . . . London, New York, Macmillan and co., limited, 1897.

viii, 127, [1] p. illus. 15½<sup>em</sup>.

**Stebbing, E. P.** A note on the casuarina insect pests of Madras, by E. P. Stebbing . . . Calcutta, Office of the superintendent of government printing, India, 1903.

Agr 5—635

cover-title, 20 p. 24½<sup>em</sup>.

**Targioni Tozzetti, Adolfo.** Considerazioni sull' annata entomologica 1889, secondo le osservazioni della R. Stazione di entomologia agraria di Firenze . . . [Modena? 1890] .

19, [1] p. 25½<sup>em</sup>.

"Estratto dall' organo Le stazioni sperimentali agrarie italiane, vol. XVIII—fasc. II."

**Targioni Tozzetti, Adolfo.** Cronaca entomologica dell' anno 1887 e dei mesi di gennaio e febbraio 1888 . . . Roma, 1888.

16 p. 24<sup>em</sup>.

Estratto dal giornale: Le stazioni sperimentali agrarie italiane, vol. XIV—fasc. I.

For Cronaca for Dec. 16, 1889—Feb. 28, 1890, see his Considerazioni sull' annata entomologica 1889. For Cronaca for Apr.—Sept. 1892, see his Riviste sintetiche.

**Targioni Tozzetti, Adolfo.** Di alcuni rapporti delle coltivazioni cogli insetti e di due casi di infezioni del nocciolo e dell' olivo per cagione di insetti . . . Firenze, 1885.

38 p. 2 pl. 23½<sup>em</sup>.

From Atti della Reale accademia economico-agraria dei georgofili di Firenze, 4. ser., vol. VIII, p. 116—148.

**Targioni Tozzetti, Adolfo.** . . . Nota sopra alcuni parassiti del gelso e dell' olivo . . . [Firenze, 1863]

7 p. 21<sup>em</sup>.

Estrat. dagli Atti dei georgofili, nuova ser., t. X.

**Targioni Tozzetti, Adolfo.** Rivista sintetiche. Rivista di entomologia agraria. (R. Stazione di entomologia agraria di Firenze) . . . dal 1. aprile . . . [al 30 settembre 1892] [n. p., 1892]

2 nos. 24½<sup>em</sup>.

**Tarnani, Ivan Konstantinovich.** . . . Insectes nuisibles dans les vergers et dans les potagers des gouvernements de la Pologne russe et mesures à prendre pour les combattre . . . Варшава, Типографія Варшавскаго учебнаго округа, 1903.

4 p. I, IV, 138 p. illus. 26<sup>em</sup>.

Agr 5—242

(Mémoires de l'Institut agronomique et forestier à Nowo-Alexandria (gouv. Lublin) vol. XV [suppl.])

Added t.-p. and text in Russian.

**Taschenberg, Ernst Ludwig.** Die der landwirthschaft schädlichen Insekten und Würmer. Von Dr. E. L. Taschenberg. Eine durch das Königlich preussische Landes-ökonomie-collegium mit dem ersten Preise gekrönte Schrift . . . Auch unter dem Titel: "Naturgeschichte der wirbellosen Thiere, die in Deutschland sowie in den Provinzen Preussen und Posen den Feld-, Wiesen- und Weide-culturlpflanzen schädlich werden." Leipzig, E. Kummer, 1865.

Agr 4—233

xii, 288 p. illus., VII col. pl. 24<sup>em</sup>.

Slip pasted over imprint reads: Bremen, M. Heinsius.

"Nachweis der wichtigsten Literatur, welche bei der Benennung und Lebensweise der Thiere benutzt wurde": p. [256]—274.

**Taschenberg, Ernst Ludwig.** Die insekten nach ihrem schaden und nutzen, von Prof. Dr. E. Taschenberg . . . Leipzig, G. Freytag, 1882. Agr 3—1187  
3 p. l., 300 p. illus. 18½cm. (Added t.-p.: Das wissen der gegenwart, deutsche universal-bibliothek für gebildete. iv. bd.)

**Theobald, Frederick Vincent.** Notes on economic zoology. [London, 1896—1903]

no. 1-8. illus., plates. 20-21½cm.

Title varies: no. [1-4], Notes on injurious insects; no. [5], Notes on insect pests, etc., for 1898 (second report); no. [6], First report on insect pests, etc., for 1899; no. [7], Notes on economic entomology.

From the Journal of the South-eastern agricultural college, Wye, Kent. no. 4-9, 11-12; Oct. 1896-Apr. 1900, Feb. 1902-Mar. 1903.

**Theobald, Frederick Vincent.** Notes upon insect pests in 1894, with especial reference to insects attacking the walnut . . . Warrington, 1895.

pt. 1. v pl. 22cm.

**Thompson, Edward H.** . . . A handbook to the insect pests of farm and orchard: their life history and methods of prevention . . . By Edward H. Thompson. Launceston, Printed at the "Examiner" and "Tasmanian" office, 1892-95.

2 pts. illus., ix pl. 18cm. (pt. II, 21cm.) (Department of agriculture, Tasmania, Bulletin no. 1, 6)

Pt. II has title: . . . Insect and fungus pests of the field, farm, and garden: part II. of "A handbook to the insect pests of farm and orchard." By Edward H. Thompson . . . ed. by F. W. J. Moore . . .

Imprint of pt. II: Hobart, Printed for the Council of agriculture by Davies brothers, limited, 1895.

**Tryon, Henry.** . . . Report on insect and fungus pests no. 1; by Henry Tryon . . . Brisbane, J. C. Beal, government printer, 1889. Agr 2—147

ix, 238 p. 4 pl. 22cm.

At head of title: Department of agriculture. Queensland.

**Villa, Antonio.** Degli insetti carnivori adoperati a distruggere le specie dannose all' agricoltura; memoria entomologico-agraria . . . Milano, 1845.

35 p. col. pl. 25cm.

Estratto dallo Spettatore, vol. III, nùm. 19.

**Westwood, John Obadiah.** A series of articles on the insects most injurious to cultivators . . . [London, 1837-39]

no. 4-15. illus. 22½cm.

From the Gardener's magazine, vol. XIII-XV.

CONTENTS.—no. 4. The onion fly.—no. 5. Wheat flies.—no. 6. The asparagus beetle.—no. 7. Rose moths.—no. 8. The small ermine moth.—no. 9. The slimy grub of the pear and other fruit trees.—no. 10. The caterpillar of the apricot bud.—no. 11. The wire-worm.—no. 12. The apple, or codling, moth.—no. 13. The elm-destroying Scolytus.—no. 14. Apple insects.—no. 15. Celery and chrysanthemum leaf-miners.

[**Whitehead, Charles**] . . . Annual report of the Intelligence department on injurious insects and fungi. 1890. London, Printed for H. M. Stationery off., by Eyre and Spottiswoode, 1891.

v, 81 p. illus. 24½cm.

Signed: Charles Whitehead.

At head of title: Board of agriculture.

[**Whitehead, Charles**] First annual report of the Agricultural adviser to the Lords of the Committee of council for agriculture. 1887. (Insects and fungi injurious to the crops of the farm, the orchard, and the garden) Presented to both Houses of Parliament by command . . . London, Printed for H. M. Stationery off., by Eyre & Spottiswoode, 1888.

Agr 4—39

42 p. illus. 24½cm.

Introduction signed: Charles Whitehead.

[**Whitehead, Charles**] Second annual report of the Agricultural adviser to the Lords of the Committee of council for agriculture. 1888. (Insects and fungi injurious to the crops of the farm, the orchard, and the garden) Presented to both Houses of Parliament by command . . . London, Printed for H. M. Stationery off., by Eyre and Spottiswoode, 1888.

Agr 4—40

53 p. illus. 24½cm.

Introduction signed: Charles Whitehead.

**Whitehead, Charles.** . . . Third annual report on insects and fungi injurious to the crops of the farm, the orchard, and the garden, by Charles Whitehead . . . 1889. Presented to both Houses of Parliament by command . . . London, Printed for H. M. Stationery off., by Eyre and Spottiswoode, 1890. Agr 4—41

74 p. illus. 24 $\frac{1}{2}$ cm.

At head of title: Board of agriculture.

[**Whitehead, Charles**] . . . Report on insects and fungi injurious to crops. 1892. London, Printed for H. M. Stationery off., by Eyre and Spottiswoode, 1893.

60 p. x col. pl. 24 $\frac{1}{2}$ cm.

Agr 4—43

At head of title: Board of agriculture.

"The following report . . . has been prepared by Mr. Charles Whitehead."—Pref.

**Whitehead, Charles.** Reports on insects injurious to hop plants, corn crops, and fruit crops in Great Britain, prepared for the Agricultural department, Privy council office, by Charles Whitehead . . . 1885. Presented to both Houses of Parliament by command . . . London, Printed by Eyre and Spottiswoode, 1885—86.

no. 1-3. illus. 24 $\frac{1}{2}$ cm.

CONTENTS.—no. I. Insects injurious to hop plants.—no. II. Insects injurious to corn, grass, pea, bean, and clover crops.—no. III. Insects injurious to fruit crops.

**Whitehead, Charles.** Reports on insects injurious to root and certain other crops in Great Britain, prepared for the Agricultural department, Privy council office, by Charles Whitehead . . . Presented to both Houses of Parliament by command . . . London, Printed for H. M. Stationery off., by Eyre and Spottiswoode, 1897.

Agr 4—44

86 p., 1 l. illus. 24 $\frac{1}{2}$ cm.

**Zehntner, Leo.** De bestrijding der boorders, door Dr. L. Zehntner. Soerabaia, H. van Ingen, 1896.

cover-title, 6 p. 26 $\frac{1}{2}$ cm.

At head of title: Congres van het algemeen syndicaat van suikerfabrikanten op Java.

## INSECTICIDES.

**Baxter, E. J.** Some remarks on spraying . . . [Jefferson City, 1901]

276-280 p. 23cm.

From the 43d annual report of the Missouri state horticultural society, 1900.

**Berlese, Antonio.** . . . Insetticidi ed insettifughi contro alcuni insetti e specialmente contro la *Cochylis ambiguella*, il *Dacus oleae* e la *Carpocapsa pomonana* . . . Avellino, 1895.

24 p. 23 $\frac{1}{2}$ cm.

Estratto dalla Rivista di patologia vegetale, anno III.—n. 5-12.

**Breed, Daniel.** Recent inventions for insect destruction. (U. S. Agriculture, Commissioner of. Report for the year 1876. Washington, 1877. p. 323-325. illus.)

**Chittenden, Frank Hurlbut.** Remedies for insect pests in vegetable and flower gardens and conservatories . . . [Philadelphia, W. A. Burpee & co., 1901]

[4] p. illus. 44 x 15 $\frac{1}{2}$ cm.

**Cook, Albert John.** Arsenical poisons as insecticides . . . [Columbus, 1889]

27-32 p. 23cm.

From the Proceedings of the tenth annual meeting of the Society for the promotion of agricultural science, held at Toronto, Canada, 1889.

**Cook, Albert John.** Experiments with insecticides . . . [Columbus] 1883.

138-140 p. 24cm.

From the 16th annual report of the Ohio state horticultural society for 1882-83.

**Eichhoff, Wilhelm Josef.** Vorschläge zur vertilgung verschiedener forst- und landwirthschaftlich schädlicher kerbthiere durch seifenwasser . . . [München] 1892.

19 p. 23 $\frac{1}{2}$ cm.

Einzelabdruck aus der "Forstlich-naturwissenschaftlichen zeitschrift." 1892, hft. 2-3.

**Fowler, Frederick Homer.** Insecticides and their application. Compiled under the direction of the secretary of the State board of agriculture, by F. H. Fowler . . . for the information and use of the agriculturists and fruit growers of the commonwealth. April, 1891. Boston, Wright & Potter printing co., state printers, 1891. 16 p. 23 $\frac{1}{2}$ cm.

**Frank, Albert Bernhard.** Über den direkten einfluss der kupfer-vitriol-kalkbrühe auf die kartoffel-pflanze . . . Von B. Frank . . . und Friedrich Krüger . . . Prenzlau, Druck von A. Mieck, 1894.

46 p. col. pl. 25cm. (Added t.-p: Arbeiten der Deutschen landwirtschafts-gesellschaft, hft. 2)

**Gastine, G.** Sur les ravages de la pyrale dans le Beaujolais et sur la destruction des papillons nocturnes au moyen de pièges lumineux alimentés par le gaz acétylène; par MM. G. Gastine et V. Vermorel . . . [Paris, 1901]

4 p. 27 $\frac{1}{4}$ cm.

From Comptes rendus . . . de l'Académie des sciences, tome 133, p. 488-491.

**Haywood, John Kerfoot.** Insecticides and fungicides; chemical composition and effectiveness of certain preparations. Washington, 1902.

16 p. 23cm. (U. S. Agriculture, Dept. of. Farmers' bulletin 146)

**Herrera, Alfonso L.** . . . La destrucción de los gusanos y otros insectos perjudiciales por medio del verde de Paris . . . [Mexico, 1904]

7 p. 26cm. (Comisión de parasitología agrícola . . . circular número 4)

**Hinds, Warren Elmer.** Carbon bisulphid as an insecticide. Washington, 1902. 28 p. 23cm. (U. S. Agriculture, Dept. of. Farmers' bulletin 145.) Appendix contains report by E. E. Ewell on the chemistry of carbon bisulphid.

**Horváth, Géza von.** . . . A permetező készítelek a kertészet szolgálatában . . . Budapest, 1890.

18 p. illus. 23 $\frac{1}{2}$ cm. (A M. K. Állami rovar-tani állomás közleményei. 1. kötet, 1. füzet)

**Horváth, Géza von.** . . . Védekezés a kártékony rovarok eelen . . . Budapest, 1873.

23 p. illus. 23cm. (A M. Kir. Állami rovar-tani állomás közleményei. 1. kötet, 9. füzet)

**Howard, Leland Ossian.** Hydrocyanic-acid gas against household insects. Washington, 1902.

4 p. 23cm. (U. S. Agriculture, Dept. of—Entomology, Division of. Circular, ser. 2, no. 46)

**Howard, Leland Ossian.** Use of steam apparatus for spraying. (U. S. Agriculture, Dept. of. Yearbook, 1896. Washington, 1897. pp. 69-88. illus., 2 pl.)

**Johnson, Willis Grant.** Fumigation methods; a practical treatise for farmers, fruit growers, nurserymen, gardeners, florists, millers, grain dealers, transportation companies, college and experiment station workers, etc. By Willis G. Johnson . . . New York, O. Judd company, 1902. 2-8330

xvi, 313 p. front. (port.). illus. 19cm.

**Johnson, Willis Grant.** Recent results with hydrocyanic-acid gas for the destruction of insects in large buildings. (U. S. Agriculture, Dept. of—Experiment stations, Office of. Bulletin 99. Washington, 1901. p. 166-170)

**Joly, Charles.** . . . Note sur le concours international tenu à Florence, relativement aux appareils à projeter les insecticides . . . [Paris] 1887.

4 p. 21 $\frac{1}{2}$ cm.

Extrait du Journal de la Société nationale d'horticulture de France, n° de février 1887, p. 101-105.

**Joly, Charles.** Rapport . . . sur le Thanatophore de M. Martre . . . Paris, 1886.

1 p. l., 4 p. 21 $\frac{1}{2}$ cm.

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**Kiser, J. J.** Dust spray . . . [Jefferson City, 1901?]

280-287 p. 23cm.

From the 43d annual report of the Missouri State horticultural society, 1900.

**Krüger, Friedrich.** Erfahrungen über die verwendbarkeit des petroleums als insecticid . . . [Berlin] 1896.

8 p. illus. 25<sup>cm</sup>.

Sonderabdruck aus "Gartenflora" 1896, s. 99 und 125.

**Lefroy, H. Maxwell.** . . . The general treatment of insect pests . . . [n. p., "Agricultural reporter" printing office] 1901.

2 p. l., 29 p. 18<sup>cm</sup>. ( . . Imperial department of agriculture for the West Indies. Pamphlet ser., no. 5)

**Lodeman, Ernest Gustavus.** The spraying of plants, a succinct account of the history, principles and practice of the application of liquids and powders to plants for the purpose of destroying insects and fungi, by E. G. Lodeman . with a preface by B. T. Galloway . . . New York, London, The Macmillan company, 1899.

xvii, 399 p. incl. front. (port.) illus. 18<sup>cm</sup>. (*Half-title:* The rural science series. Ed. by L. H. Bailey)

**Manning, Jacob W.** . . . What is the best method of repelling or destroying the insect enemies of fruits and fruit trees, especially the codling moth? Is trapping a proved success? What are the results of experiments with Paris green, or any other poisonous application? . [Boston, 1883]

10-16 p. 22½<sup>cm</sup>.

From the Transactions of the Massachusetts horticultural society . . . 1883.

**Marlatt, Charles Lester.** Important insecticides: directions for their preparation and use. Washington, 1894.

20 p. 23<sup>cm</sup>. (U. S. Agriculture, Dept. of. Farmers' bulletin 19)

— [Ed. 2] rev. Washington, 1895.

23 p. 23<sup>cm</sup>. (U. S. Agriculture, Dept. of. Farmers' bulletin 19)

— [Ed. 3] rev. Washington, 1897.

32 p. illus. 23<sup>cm</sup>. (U. S. Agriculture, Dept. of. Farmers' bulletin 19)

— [Ed. 4] rev. Washington, 1898.

32 p. illus. 23<sup>cm</sup>. (U. S. Agriculture, Dept. of. Farmers' bulletin 19)

— Washington, 1901.

42 p. illus. 23<sup>cm</sup>. (U. S. Agriculture, Dept. of. Farmers' bulletin 127)

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**Marlatt, Charles Lester.** Lime, sulphur, and salt wash. Washington, 1903.

8 p. 23<sup>cm</sup>. (U. S. Agriculture, Dept. of—Entomology, Division of. Circular, ser. 2, no. 52)

**Mohr, Carl.** Die insektengifte und pilztötenden heilmittel. Eine anleitung zur herstellung und zum gebrauch derselben für landwirthe, gärtner, baumzüchter, blumenfreunde, winzer und forstmänner, von Carl Mohr . . . Stuttgart, E. Ulmer, 1893.

Agr 4—1771

viii, 118 p. illus. 18½<sup>cm</sup>.

**Mokrzhet skiĭ, Sigismund A.** . . . Über die anwendung des chlorbaryum gegen schädliche insekten in gärten und auf feldern . . . [Stuttgart, 1904]

2 p. 24<sup>cm</sup>.

Sonderabdruck aus der "Zeitschrift für pflanzenkrankheiten," XIII. bd., 4, hft.

**National convention for the suppression of insect pests and plant diseases by legislation.** Proceedings of the National convention . . . held at Washington, D. C., March 5 and 6, 1897. Ed. by B. T. Galloway, Washington, 1897.

31 pp. 8°. (U. S. Agriculture, Dept. of. [Report no. 57])

**Ormrod, Eleanor Anne.** Paris-green (or emerald-green) its uses, and methods for its application, as a means of destruction of orchard moth caterpillars. [London, 1891]

8 p. 21½<sup>cm</sup>.

**Reinlein, Fred.** The use of the gasoline torch in fighting insects and fungi . . . Mount Vernon, Ill., 1901.

24 p. illus. 19½<sup>cm</sup>.

**Riley, Charles Valentine.** The kerosene emulsion: its origin, nature, and increasing usefulness . . . [Syracuse, 1892?]

[88]-98 p. 22<sup>cm</sup>.

Printed from the Proceedings of the Washington meeting of the Society for the promotion of agricultural science, held at Washington, August 17, 1891.

**Schøyen, Wilhelm Maribo.** Forsøg med. "fostite," anstillet paa Bygdø kongsgaard. Af statensentomolog W. M. Schøyen. [n. p., 189-]

3 p. 23<sup>cm</sup>.

**Schøyen, Wilhelm Maribo.** Insekt- og sopfordrivende midler; veiledning til deres anvendelse i land- og havebruget af W. M. Schøyen . . . Kristiania, Grøndahl & søns forlag, 1896.

Agr 3—206

16 p. 18<sup>cm</sup>.

**Schøyen, Wilhelm Maribo.** Om anvendelsen af insekt- og sopfordrivende midler i havebruget . . . af W. M. Schøyen. [n. p., 1893]

19 p. illus. 22½<sup>cm</sup>.

Foredrag i "Havedyrkningens venners" general-forsamling 24. oktober 1893.

**Schøyen, Wilhelm Maribo.** . . . Über petroleum-emulsion. . . [Stuttgart, 1896]

[150]-151 p. 24<sup>cm</sup>.

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**Slingerland, Mark Vernon.** The Cornell mixture . . . New York, 1893.

105-106 p. 30<sup>cm</sup>.

From Science, vol. xxii., no. 551, August 25, 1893.

**Stedman, John Moore.** A treatise on spraying, with description of insects attacking apple, peach and strawberry, and treatment recommended for holding them in check. Formulæ for spraying mixtures. By J. M. Stedman . . . St. Joseph, Missouri, The Fruit-grower company, 1905.

5—11342

123 p. illus. 14½<sup>cm</sup>. (On cover: "Brother Jonathan series,"—no. 2)

**Stinson, J. T.** Spraying . . . [Jefferson City, 1901]

273-276 p. 23<sup>cm</sup>.

From the 43d annual report of the Missouri state horticultural society, 1900.

**Sweet, John.** . . . On the destruction of caterpillars on fruit trees . . . [London, 1824]

76-78 p. 23½<sup>cm</sup>.

From the Transactions of the Horticultural society of London, vol. v, 1824.

**Taylor, Thomas.** Naphthaline as an insecticide, etc. Its effects on seeds, plants, insects, and other animals. By Dr. Thomas Taylor . . . Read at the fifty-fourth regular meeting of the Biological society of Washington, December 28th, 1883, held in the U. S. national museum. [n. p., 1884?]

6 p. 23½<sup>cm</sup>.

**Theobald, Frederick Vincent.** Tabulated list of orchard "insect pests" affected by spraying, with date of appearance of egg, larva, &c., and the advisable washes and time for application. By F. V. Theobald . . . London and Ashford, Headley brothers [1899]

19 p. 21<sup>cm</sup>.

**Townsend, Charles Henry Tyler.** . . . Insecticides. [Las Cruces, N. M., 1892]

1 l. 36<sup>cm</sup>.

From the Rio Grande republican, Las Cruces, N. M., May 27, 1892.

**United States—Dept. of agriculture.** Methods for controlling injurious insects; preparation and use of insecticides. (Its Yearbook, 1894, p. 572-576; 1895, p. 580-586; 1896, p. 617-623; 1897, p. 635-640; 1898, p. 657-662. Washington, 1895-99)

**United States**—*Dept. of agriculture*. Spraying fruits for insect pests and fungous diseases, with a special consideration of the subject in its relation to the public health. Washington, 1892.

20 p. 23<sup>cm</sup>. (U. S. Agriculture, Dept. of. Farmers' bulletin 7)

**United States**—*Dept. of agriculture—Division, of entomology*. Condensed information concerning some of the more important insecticides. Washington, 1891.

7 p. 23<sup>cm</sup>. (*Its Circular*, ser. 2, no. 1)

**United States**—*Dept. of agriculture—Division of entomology*. Reports of experiments, chiefly with kerosene, upon the insects injuriously affecting the orange tree and the cotton plant, made under the direction of the entomologist. Washington, 1883.

62 p. 83<sup>cm</sup>. (*Its Bulletin* 1)

**United States**—*Dept. of agriculture—Division of entomology*. Reports of experiments with various insecticide substances, chiefly upon insects affecting garden crops. Washington, 1886.

34 p. 23<sup>cm</sup>. (*Its Bulletin* 11)

**United States**—*Patent office*. Persian insect powder. (U. S. Patent office. Report of the Commissioner of patents for the year 1857. Agriculture. Washington, 1858. p. 129–130)

**Vermorel, Victor**. . . . Note sur la destruction des vers blancs (*Melolontha vulgaris*) par sulfure de carbone, présentée au Congrès viticole de Mâcon, par V. Vermorel . . . Montpellier, Coulet; [etc., etc.] 1887.

10 p. 26½<sup>cm</sup>. (Bibliothèque du Progrès agricole et viticole)

**Vermorel, Victor**. Les pièges lumineux et la destruction des insectes nuisibles, par V. Vermorel . . . Villefranche (Rhône), Aux bureaux du "Progrès agricole et viticole," 1902.

64 p. illus. 21½<sup>cm</sup>. (Bibliothèque du Progrès agricole et viticole)

"Bibliographie:" p. 61–64.

**Webster, Francis Marion**. Parasites and insecticides. *See under* Parasitic insects, p. 81.

**Webster, Francis Marion**. The use of arsenate of lead as against the codlin moth . . . [Syracuse] 1903.

[69]–71 p. 23<sup>cm</sup>.

From Proceedings twenty-fourth annual meeting of Society for promotion of agricultural science

**Weed, Clarence Moores**. Spraying crops, why, when, and how, by Clarence M. Weed . . . 2d (rev.) ed. New York, The O. Judd company, 1894.

130 p. front., illus. 15½<sup>cm</sup>.

**Whitehead, Charles**. Methods of preventing and checking the attacks of insects and fungi. By Charles Whitehead . . . London, J. Murray, 1891.

cover-title, 40 p. illus. 21½<sup>cm</sup>.

**Willemot, C**. On the destruction of noxious insects by means of the "Pyrethrum Willemoti" Duchartre. Tr. from the French by C. Willemot. (U. S. Patent office. Report of the Commissioner of patents for the year 1861. Agriculture. Washington, 1862. p. 223–231)

**Woods, Albert Fred**. Use of hydrocyanic acid gas for fumigating greenhouses and cold frames. Washington, 1899.

10 p. illus. 23<sup>cm</sup>. (U. S. Agriculture, Dept. of—Entomology, Division of. Circular, ser. 2, no. 37)

By Albert F. Woods and P. H. Dorset.

— — — Rev. ed. Washington, 1903.

10 p. illus. 23<sup>cm</sup>. (U. S. Agriculture, Dept. of—Entomology, Division of. Circular, ser. 2, no. 37)

By Albert F. Woods and P. H. Dorset.

## LEGISLATION.

**Felt, Ephraim Porter.** Suggestions toward greater uniformity in nursery inspection laws and rulings. (U. S. Agriculture, Dept. of—Experiment stations, Office of. Bulletin 99. Washington, 1901. p. 161–163)

**Forbes, Stephen Alfred.** Excellencies and defects of existing legislation for the control of insect and fungus pests. (U. S. Agriculture, Dept. of—Experiment stations, Office of. Bulletin 123. Washington, 1903. p. 122–126)

**France.**—*Département de la Seine-Inférieure—Laboratoire régional d'entomologie agricole, Rouen.* Tarif et règlement, approuvés par la Commission de surveillance. 4 p. 8°. [Rouen, n. d.]

**Howard, Leland Ossian.** Legislation against injurious insects; a compilation of the laws and regulations in the United States and British Columbia. Washington, 1895.

46 p. 23<sup>cm</sup>. (U. S. Agriculture, Dept. of—Entomology, Division of. Bulletin 33)

**Howard, Leland Ossian.** Recent laws against injurious insects in North America, together with the laws relative to foul brood. Washington, 1898.

68 p. 23<sup>cm</sup>. (U. S. Agriculture, Dept. of—Entomology, Division of. Bulletin, new ser., 13)

**Howard, Leland Ossian.** Regulations of foreign governments regarding importation of American plants, trees, and fruits. Washington, 1900.

4 p. 23<sup>cm</sup>. (U. S. Agriculture, Dept. of—Entomology, Division of. Circular, ser. 2, no. 41)

**Newell, Wilmon.** I. Fumigation of nursery stock. II. Inspection laws of other states . . . Rome, Ga., 1904.

22, [1] p. illus. 23½<sup>cm</sup>. (Georgia state board of entomology. Bulletin no. 11)

**Scott, W. M.** . . . I. Legislation against crop pests. II. Dangerous pests prescribed by the Board, with remedial suggestions. By W. M. Scott. Atlanta, Ga., Allen & Horton, book and job printers, 1899.

Agr 3—208

32 p. illus. 23<sup>cm</sup>. (Georgia state board of entomology. Bulletin no. 1, April, 1899)

**Viret, Georges.** Législation et jurisprudence concernant les insectes utiles et nuisibles à l'agriculture et les oiseaux insectivores, par Georges Viret . . . avec une préface de M. C. Jouffrault . . . Paris [etc.] Berger-Levrault et c<sup>ie</sup>, 1896.

vii, 265 p. 22<sup>cm</sup>.

Agr 4—3400

## PARASITIC INSECTS.

**Beneden, Pierre Joseph van.** Die schmarotzer des thierreichs. Von P. J. van Beneden . . . Autorisirte ausgabe. Leipzig, F. A. Brockhaus, 1876.

Agr 3—1056

3 p. l., 274 p. illus. 19½<sup>cm</sup>. (*Half title:* Internationale wissenschaftliche bibliothek. xviii. bd.)

**Brauer, Friedrich.** Ueber einige schmarotzende und parasitische insecten. Ein vortrag gehalten im Vereine zur verbreitung naturwissenschaftlicher kenntnisse in Wien am 21. februar 1883 von Prof. Dr. Friedrich Brauer . . . Wien, Selbstverlag des Vereines zur verbreitung naturwissenschaftlicher kenntnisse, 1883.

16 p. illus. 18½<sup>cm</sup>.

**California—State board of horticulture.** Report on the importation of parasites and predaceous insects . . . in accordance with an act of the legislature, approved March 31, 1891. Sacramento, 1892.

15 p. col. front. 23<sup>cm</sup>.

"Expert's trip to foreign countries. New species introduced: by Albert Koebele;" p. 7–12.

"Report on condition of newly introduced species in California, by Alexander Craw;" p. 13–15.

**Cutting, Hiram Adolphus.** Parasitic insects of domestic animals, and their destruction . . . [Montpelier, 1874]

[425]—439 p. 22<sup>cm</sup>.

From the Second biennial report of the Vermont state board of agriculture, manufactures and mining. 1873–74.



**Dubreuilh, William Auguste.** . . Les parasites animaux de la peau humaine par W. Dubreuilh et L. Beille . . . Paris, Masson et cie. [etc.] [1896]  
185, [1] p. illus. 18 $\frac{1}{2}$ cm. (Encyclopédie scientifique des aide-mémoire pub. sous la direction de M. Léauté . . .)

"Bibliographie:" p. [179]-182.

**Giebel, Christian Gottfried Andreas.** Insecta epizoa. Die auf säugethieren und vögeln schmarotzenden insecten nach Chr. L. Nitzsch's nachlass, bearb. von Prof. Dr. C. G. Giebel . . . Mit xx tafeln nach Chr. L. Nitzsch's handzeichnungen. Leipzig, O. Wigand, 1874.

Aggr 3—1252

xiv p., 1 l., 308 p. xx pl. (XVIII col.) 41 $\frac{1}{2}$ cm.

**Giglioli, Enrico Hillyer.** On some parasitical insects from China . [London, 1864?]

18-26 p. pl. 21 $\frac{1}{2}$ cm.

From the Quarterly journal of microscopical science. iv n. s. 1864.

**Great Britain—Board of agriculture.** . . External parasites of poultry. [London, 1899]

8 p. illus. 21 $\frac{1}{2}$ cm. (Its Leaflet no. 57)

**Hagen, Hermann August.** . . On larvæ of insects discharged through the urethra . . . [Boston] 1878.

[107]-118 p. 23cm.

From the Proceedings of the Boston society of natural history, vol. xx, November 27, 1878.

**Heller, Arnold.** Die schmarotzer mit besonderer berücksichtigung der für den menschen wichtigen. Von Dr. Arnold Heller . . . München und Leipzig, R. Oldenbourg, 1880.

xvi, 248 p. illus., map. 18cm.

"Literatur:" p. [xv]-xvi.

Advertisements: p. [231]-248.

**Howard, Leland Ossian.** Study in insect parasitism; a consideration of the parasites of the white-marked tussock moth, with an account of their habits and interrelations, and with descriptions of new species. Washington, 1897.

57 p. illus. 23cm. (U. S. Agriculture, Dept. of—Entomology, Division of. Bulletin, tech. ser., 5)

**Küchenmeister, Friedrich, i. e., Gottlob Friedrich Heinrich.** Die in und an dem körper des lebenden menschen vorkommenden parasiten. Ein lehr- und handbuch der diagnose und behandlung der thierischen und pflanzlichen parasiten des menschen. Zum gebrauch für studirende der medicin und der naturwissenschaften, für lehrer der zoologie, botanik, physiologie, pathologischen anatomie und für praktische ärzte, bearb. von Friedrich Küchenmeister . . . Leipzig, B. G. Teubner, 1855.

2 pts. in i v. illus., 14 pl. (partly col.) 22cm.

**Mégnin, Pierre, i. e., Jean Pierre.** Les parasites et les maladies parasitaires chez l'homme, les animaux domestiques et les animaux sauvages avec lesquels ils peuvent être en contact. Par P. Mégnin . . . Insectes, arachnides, crustacés. Avec 63 figures dans le texte et un atlas de 26 planches dessinées par l'auteur. Paris, G. Masson, 1880.

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302 p. illus., 5 pl. 23cm. (U. S. Agriculture, Dept. of—Entomology, Division of. Bulletin, new ser., 5)

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**Webster, Francis Marion.** Insect parasites . . . Columbus, 1891.

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pt. 1-4. illus., 10 pl. 24 $\frac{1}{2}$ cm.

From the Agricultural gazette of New South Wales. vol. IX, p. 1028-1043, 1216-1221, 1426-1430.

**Ashmead, William Harris.** Orange insects; a treatise on the injurious and beneficial insects found on the orange trees of Florida. By William H. Ashmead . . . Jacksonville, Fla., Ashmead bros., 1880.

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**Barber, Charles Alfred.** . . . The diseases of canes . . . [St. John's, Antigua, W. I.] 1894.

114-122 p. 28cm. (Supplement to the Leeward Islands gazette, Jan. 25, 1894.)

**Benson, Albert H.** Some fruit pests . . . [Sydney, 1895]

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**Blandford, Walter Fielding Holloway.** . . . Sugar-cane borers in the West Indies. London, 1892.

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17 p. illus. 24cm. (Ohio Department of agriculture. Division of nursery and orchard inspection. Bulletin No. 5)

**Carpenter, George Herbert.** The insect enemies of the potato. By George H. Carpenter . . . Dublin, Printed at the office of the Farmers' gazette, 1898.

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**Chittenden, Frank Hurlbut.** Brief account of the principal insect enemies of the sugar beet. Washington, 1903.

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**Comstock, John Henry.** Report on insects injurious to sugar cane. Washington, 1881.

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List of insects known to attack grasses, with references to same. p. 395–399.

**Curtis, John.** Observations on the natural history and economy of various insects affecting carrots and parsnips, including plant-lice, the maggots of flies, the caterpillars of moths, &c. . . Paper xiv. London, 1848.

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88 p. III pl. 25<sup>cm</sup>.

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2 p. I., 86, [2] p. illus., XVI pl. (15 col.) 18½<sup>cm</sup>.

**Forbes, Stephen Alfred.** Address on insects affecting the strawberry. An illustrated paper read before the Mississippi valley horticultural society, at New Orleans, Feb. 22, 1883, and published in full in the Transactions of the society for 1883 . . . Indianapolis, 1883.

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[417]-424 p. 23<sup>cm</sup>.

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**Froggatt, Walter Wilson.** Fruit-tree and vine pests . . . [Sydney, 1898]

41-47 p. pl. 25<sup>cm</sup>.

From the Agricultural gazette of New South Wales, vol. IX, 1896.

**Fuller, Claude.** A serious fruit pest. The fruit-fly or peach maggot . . . [Perth] 1897.

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**Glover, Townend.** Insects frequenting the cotton-plant. (U. S. Patent office. Report of the Commissioner of patents for the year 1855. Washington, 1856. p. 64-115)

**Glover, Townend.** Insects frequenting the orange trees of Florida. (U. S. Patent office. Report of the Commissioner of patents for the year 1858. Agriculture. Washington, 1859. p. 256-271)

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**Glover, Townend.** Manuscript notes from my journal. Cotton, and the principal insects, &c., frequenting or injuring the plant, in the United States. By Townend Glover. Washington, D. C., Written and etched by T. Glover, transferred to and printed from stone by J. C. Entwisle, 1878.

1 p. l., 2 l. xxii pl. 31<sup>cm</sup>.

**Gt. Brit.**—*Board of agriculture.* . . . Caterpillars on fruit trees. [London, 1888] 3 p. illus. 33<sup>cm</sup>. (*Its* [Leaflet] 1888 [no.] 49)

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**Green, Edward Ernest.** Insects injurious to stored paddy. [Colombo] 1898. [45]-49 p. 22<sup>cm</sup>. (Royal botanic gardens, Ceylon. Circular. ser. i, no. 6, June 11, 1899)

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Estratto dal giornale l'Agricoltura italiana, anno XVIII—fasc. 247—31 agosto, 1892.

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**Hind, H. Y.** Essay on the insects and diseases injurious to the wheat crops. By H. Y. Hind . . . To which was awarded, by the Bureau of agriculture and statistics, the first prize . . . Toronto, Printed by Lovell & Gibson, 1857. Agr 4-209  
v, [2], [9]-139, [1] p. illus. 23<sup>cm</sup>.

**Howard, Leland Ossian.** Insects affecting the cotton plant. Washington, 1897. 32 p. illus. 23<sup>cm</sup>. (U. S. Agriculture, Dept. of. Farmers' bulletin 47)

"Reprinted, with revision by the author, from Bulletin 33, Office of experiment stations."

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From Myrick, Herbert. The hop.

**Howard, Leland Ossian.** Principal insects affecting the tobacco plant. Washington, 1900.

32 p. illus. 23<sup>cm</sup>. (U. S. Agriculture, Dept. of. Farmers' bulletin 120)

**Hubbard, Henry Guernsey.** Insects affecting the orange; report on the insects affecting the culture of the orange and other plants of the citrus family, with practical suggestions for their control or extermination. Washington, 1885.

227 p. illus., 14 pl. 23<sup>cm</sup>. (U. S. Agriculture, Dept. of—Entomology, Division of. [Publication])

**Jablonsowski, József.** . . . A gyümölcsfák és a szőlő kártevő rovarai . . . Budapest, 1902.

83, [8] p. iv col. pl. 23<sup>cm</sup>. (A. M. Kir. Földművelésügyi minister kiadványa. 1902. 3.szám)

**Jolicœur, Henri.** Description des ravageurs de la vigne, insectes et champignons parasites représentés en couleur, avec indication des meilleurs moyens à employer pour les combattre, par le Dr. Henri Jolicœur . . . vingt planches en chromolithographie dessinées d'après nature par Mlle. Anna Bauler. Reims, F. Michaud [etc., etc.], 1894.

Agr 3—1254

[iii]—viii, 236 p., 1 l. xx col. pl. 36 $\frac{1}{2}$ cm.  
Each plate accompanied by leaf of description.  
"Bibliographie:" p. [33], [50], [114], [155].

**Kirk, Thomas.** Fruit-blight and diseases of fruit-trees in New Zealand (Interim report on, by T. Kirk . . .) Wellington, 1885.

24 p. 34 $\frac{1}{2}$ cm.

Brisbane, 1886.

48 p. 21cm.

Reprinted by permission of the government of New Zealand.

**Kobus, J. D.** . . . Bijdragen tot de kennis der rietvijanden, door J. D. Kobus . . . Soerabaia, H. van Ingen, 1894-97.

pt. 2, 5-7. III col. pl. 26cm. (Mededeelingen Proefstation "Oost-Java," nieuwe ser. no. 8, 20, 43)  
Overgedrukt uit het Archief voor de Java-suikerindustrie, 1894, afl. 7; 1896, afl. 5; 1897, afl. 6.

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[407]-412 p. 23cm.

From Verhandlungen der K. K. Zoologisch-botanischen gesellschaft in Wien, vol. XIV.

**Lea, Arthur M.** . . . Notes on the Mediterranean fruit fly and Queensland fruit fly by Arthur M. Lea . . . Hobart, Tasmania, John Vail, government printer, 1899.

6 p. 1 pl. 25cm.

At head of title: Department of agriculture, Tasmania.

**Lesne, Pierre.** Les insectes des grains. [Paris] 1896.

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**Lindemann, Karl Eduardovich.** О главнѣйшихъ насѣкомыхъ вредящихъ табуку въ Бессарабіи. Профессора К. Э. Линдемана . . . Одесса, Типографія Л. Ниче, 1888.

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The principal insects injurious to tobacco in Bessarabia.

**Lindemann, Karl Eduardovich.** Die schädlichsten insekten des tabak in Bessarabien . . . Moskau, 1888.

1 p. l., 67 p. 23cm.

"Extrait du Bulletin de la Société impér. des naturalistes de Moscou, 1888, n° 1."

**Lintner, Joseph Albert.** . . . The insects of the clover plant . . . [Albany, 1884]

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From the Fortieth annual report of the New York state agricultural society, for 1880.

**Lucet, Émile.** Les insectes nuisibles aux rosiers sauvages & cultivés en France. Descriptions et mœurs—Dégâts—Moyens de destruction. Par Émile Lucet . . .

2. éd. rev. et augm. Paris, Librairie des sciences naturelles, P. Klincksieck, 1900.

xi, 380 p. 13 pl. 22 $\frac{1}{2}$ cm.

Agr 3—921

Each plate accompanied by a guard sheet with page of descriptive text.

"Bibliographie": p. 351-358.

**Marlatt, Charles Lester.** Principal insect enemies of growing wheat. Washington, 1901.

38 p. illus. 23cm. (U. S. Agriculture, Dept. of. Farmers' bulletin 132)

**Marlatt, Charles Lester.** Principal insect enemies of the grape. Washington, 1898.

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Reprinted from . . . the Yearbook of the U. S. Department of agriculture for 1895.

**Mason, James Wood.** . . . Report on some insects destructive to the castor-oil plant in the Bellary district . . . [Calcutta ? 1886]

5 p. 22<sup>cm</sup>.

Reprinted from the Agricultural and horticultural society's journal, vol. VIII, pt. I.

**Morgan, Joseph Harcourt Alexander.** Life history of the sugar-cane borer in Louisiana. (U. S. Agriculture, Dept. of—Experiment stations, Office of. Bulletin 115. Washington, 1902. p. 128-129)

**Nietner, John.** The coffee tree and its enemies; being observations on the natural history of the enemies of the coffee tree in Ceylon. By the late J. Nietner. 2d ed. rev., and in some places corr. by S. Green, Esq. Colombo, A. M. & J. Ferguson, 1880.

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**Olliff, Arthur Sidney.** . . . Report on a visit to the Clarence River district for the purpose of ascertaining the nature and extent of insect ravages in the sugar-cane crops . . . [Sydney, 1893]

15 p. pl. 24 $\frac{1}{2}$ <sup>cm</sup>.

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**Perkins, George Henry.** Insects injurious to the potato and apple . . . Rutland, 1876.

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From 3d report of the State board of agriculture [of Vermont]

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From the Proceedings of the Hawaiian live stock breeders' association, 1st annual meeting, Nov, 17-18, 1902.

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viii, 136 p. 11 fold. pl. 23<sup>cm</sup>. (Acta Societatis pro fauna et flora Fennica, XIX, n: o 1)

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Sonderabdruck aus der "Zeitschrift für pflanzenkrankheiten," XII. bd., 6. heft.

**Ridley, Henry Nicholas.** Report on the destruction of coco-nut palms by beetles. Singapore, 1889.

11 p. fold. pl. 21<sup>cm</sup>.

**Riley, Charles Valentine.** Potato pests. Being an illustrated account of the Colorado potato-beetle and the other insect foes of the potato in North America. With suggestions for their repression and methods for their destruction. By Charles V. Riley . . . New York, O. Judd company [c1876]

Agr 4-224

108 p. incl. front. (map) illus. 19 $\frac{1}{2}$ <sup>cm</sup>.

**Rolfs, Peter Henry.** Orange insects and diseases. Injurious insects and diseases of the year . . . [Tallahassee] 1898.

35-38, 85-93 p. illus. 24<sup>cm</sup>.

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15 p. 21 $\frac{1}{2}$ <sup>cm</sup>.

Reprinted from the "Sugar cane," March and April, 1885.

— — — Addenda and index. Manchester, 1886.

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**Salisbury, William.** Hints addressed to proprietors of orchards, and to growers of fruit in general, comprising observations on the present state of the apple trees, in the cider countries. Made in a tour during the last summer. Also the natural history of the *Aphis lanata* or American blight, and other insects destructive to fruit trees. By William Salisbury . . . London, Printed for Longman, Hurst, Rees, Orme, and Brown, 1816.

Agr 3—203

xviii p., 2 l., 188 p. II fold. pl. 19<sup>cm</sup>.

**Saunders, William.** Insects injurious to fruits. By William Saunders . . . Philadelphia, London, J. B. Lippincott & co., 1883.

436 p. illus. 21 $\frac{1}{2}$ <sup>cm</sup>.

**Schulze, Richard.** Die schädlinge der korbweide, oder: Die der korbweide schädlichen wirbelthiere und insekten. Ihre beschreibung, frass und vertilgung, mit angabe vorbeugender mittel zur verhütung des schadens. Von R. Schulze . . . Eger, Im selbstverlage des verfassers, 1883.

Agr 4—127

ix, [1], 62 p., 2 l. 21 $\frac{1}{2}$ <sup>cm</sup>.

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32 p. illus. 23<sup>cm</sup>. (U. S. Agriculture, Dept. of. Farmers' bulletin 178)

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**Southwick, James M.** Insects injurious to the apple-tree: with suggestions as to their control or extermination. Prepared by James M. Southwick . . . Issued by Geo. A. Stockwell, secretary Rhode Island state board of agriculture. Providence, E. L. Freeman & sons, printers to the state, 1900.

12 p. 23 $\frac{1}{2}$ <sup>cm</sup>.

**Stefani Perez, Teodosio de.** . . . Gli animali dannosi alla vite con brevi note sul modo di preservarla dai loro danni. Palermo, Stabilimento tipografico Virzi, 1889.

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29 p. 26<sup>cm</sup>.

**Surface, Harvey Adam.** . . . Insects injurious to cucurbitaceous plants, by H. A. Surface . . . [Harrisburg] W. S. Ray, state printer, 1902.

Agr 3—602

30 p. pl. 23 $\frac{1}{2}$ <sup>cm</sup>. (Commonwealth of Pennsylvania. Department of agriculture. Bulletin no. 96)

**Targioni Tozzetti, Adolfo.** Animali ed insetti del tabacco in erba e del tabacco secco di Ad. Targioni Tozzetti . . . e per incarico della R. Direzione generale delle gabelle . . . Firenze-Roma, Tipografia dei fratelli Bencini, 1891.

lxiii, [1], 346, [1] p. illus., III pl. 24 $\frac{1}{2}$ <sup>cm</sup>.

"Indice bibliografico di scrittori, opere o articoli speciali per gli insetti del tabacco;" p. [xxxv]-xxxviii.

"Citazioni abbreviate e spiegazioni per uso dei pratici cui piaccia conoscere le opere originali;" p. [xxxix]-lx.

**Trimble, Isaac P.** A treatise on the insect enemies of fruit and fruit trees. With numerous illustrations drawn from nature, by Hochstein, under the immediate supervision of the author. By Isaac P. Trimble . . . The curculio and the apple moth. New York, W. Wood & company, 1865.

Agr 3—1269

[ix]-xviii, [19]-139 p. XI pl. (9 col.) incl. col. front. 29 $\frac{1}{2}$ <sup>cm</sup>.

**Tryon, Henry.** . . . The disease affecting the orange orchards of Wide Bay, and the insect pests prevalent therein. By Henry Tryon . . . Brisbane, E. Gregory, government printer, 1894.

Agr 2—134

17 p. 22<sup>cm</sup>. (Queensland. Dept. of agriculture, Brisbane. Bulletin no. 4. Second series. October, 1894)

**Tryon, Henry.** Fruitlet core-rot of pineapple . . . [Brisbane] 1898.

458-467 p. lxviii-lxxi pl. 24 $\frac{1}{2}$ <sup>cm</sup>.

From the Queensland agricultural journal, vol. III, pt. VI. Dec. 1898.



**United States—Congress—House—Agriculture, Committee on.** . . . Hearings before the Committee on agriculture on bills having for their object the eradication of the cotton-boll weevil and other insects and diseases injurious to cotton, and also hearings of the Hon. secretary of agriculture and chiefs of bureaus and divisions of the Department of agriculture on the estimates of appropriations for the Department of agriculture for the fiscal year ending June 30, 1905. Washington, Gov't print. off., 1904.

5-33968

1 p. l., 465 p. 23<sup>cm</sup>.

**Webster, Francis Marion.** Insects affecting fall wheat. (U. S. Agriculture, Commissioner of. Report of the Commissioner . . . for the year 1884. Washington, 1884. p. 383-393)

**Webster, Francis Marion.** Insects affecting fall wheat. (U. S. Agriculture, Commissioner of. Report of the Commissioner . . . 1885. Washington, 1885. p. 311-319)

**Webster, Francis Marion.** Insects affecting small grains and grasses. (U. S. Agriculture, Commissioner of. Report of the Commissioner . . . 1886. Washington, 1887. p. 573-582)

**Webster, Francis Marion** . . . Insects affecting the corn crop . . . [Indianapolis] 1885.

36 p. incl. vi pl. illus. 22<sup>cm</sup>.

Author's edition &lt;Extract from Indiana agricultural report,&gt; 1885.

Bibliographical material with description of each insect.

**Webster, Francis Marion.** Insects affecting the smaller cereal grains . . . [n. p., n. d.]

14 p. incl. v pl. 22<sup>4</sup><sup>cm</sup>.

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**Webster, Francis Marion.** Some insects attacking the stems of growing wheat, rye, barley, and oats, with methods of prevention and suppression. Washington, 1903.

62 p. illus. 23<sup>cm</sup>. (U. S. Agriculture, Dept. of—Entomology, Division of. Bulletin, new ser., 42)

**Western Australia—Bureau of agriculture.** The fruit fly, or fruit maggot. Perth, 1897.

4 p. illus. 22<sup>4</sup><sup>cm</sup>.

**Westwood, John Obadiah.** Pear insects. [London, 1850]

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From the Gardeners' magazine of botany, v. 1, 1850, p. 241-244.

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**[Williams, Henry T.]** How to destroy insects on house-plants, flowers, etc., in the window, the garden, the house. New York, Adams & Bishop, 1880.

99, iii p. 15<sup>cm</sup>.

**Zehntner, Leo.** . . . Levenswijze en bestrijding der boorders, door Dr. L. Zehntner . . . Soerabaia, H. van Ingen, 1896-98.

6 pts. in 3. 4 pl. (3 col.) 26<sup>4</sup><sup>cm</sup>. (Mededeelingen van het Proefstation "Oost-Java", nieuwe ser. no. 23, 25; Gecombineerde mededeeling der Proefstations Oost- en West-Java. (Voor Oost-Java) 3 ser. no. 2 . . .)

"Literatuur": [no. 1] p. [1]

Overgedrukt uit het Archief voor de Java-suikerindustrie 1896, afl. 10, 13; 1898, afl. no. 15.

CONTENTS.—I. De stengelboorder. (Diatrea striatalis Sn.)—II. De witte boorder (Scirpophaga intacta Sn.)—III. De gele boorder. (Chilo infuscatellus Sn.)—IV. De grauwe boorder. (Grapholitha schistaceana Sn.)—V. De paarsroode boorder. Sesamia nonagrioides Lef. var. albiciliata Snell.—VI. De bandongboorder.

**Zehntner, Leo.** . . . De mineerlarven van het suikerriet op Java, door Dr. L. Zehntner . . . Soerabaia, H. van Ingen, 1896-98.

4 pts. in 3. 3 col. pl. 26-26 $\frac{1}{2}$ cm. (Mededeelingen van het Proefstation Oost-Java, nieuwe ser. no. 27; 42; 3. ser. no. 4)

Pt. 1, title reads: . . . De bladboorders van het suikerriet op Java . . .

Pt. 1 and 4 overgedrukt uit het Archief voor de Java-suikerindustrie, 1896, afl. 16; 1898, afl. no. 17.

CONTENTS.—I. *Hispella wakkeri* n.sp.—II en III. *Aphanisticus Krügeri* Ritsema. *Aphanisticus consanguineus* Ritsema.—IV. *Cosmopteryx pallifasciella* Snell, nov. spec.

**Zehntner, Leo.** Over eenige insectenplagen bij de cacaocultuur op Java, door Dr. L. Zehntner. Semarang-Soerabaia, G. C. T. van Dorp & co., 1901.

cover-title, 23 p. 22 $\frac{1}{2}$ cm.

**Zehntner, Leo.** . . . De plantenluizen van het suikerriet op Java. Door Dr. L. Zehntner . . . Soerabaia, H. van Ingen, 1896-1901.

15 pts. in 8. col. plates. 25-26 $\frac{1}{2}$ cm. (Mededeelingen van het Proefstation "Oost-Java". nieuwe ser. no. 29, 36, 39; Mededeelingen van het Proefstation voor suikerriet in West-Java "Kagok" te Pekalongan no. 37-38, 49, 52-53)

Pt. 1-3, 5-15 overgedrukt uit het Archief voor de Java-suikerindustrie.

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**Altum, Bernard.** Waldbeschädigungen durch thiere und gegenmittel. Von Dr. Bernard Altum . . . Berlin, J. Springer, 1889.

Agr 4-35

xvi, 285, [1] p. illus. 23 $\frac{1}{2}$ cm.

**Barth, J. B.** Om grantørken og barkbillen. Et bidrag til en kritisk vurderen af theorien om barkbillens skadelighed. Af J. B. Barth. Kristiania, Forlagt af Alb. Cammermeyer, 1880.

42 p. 20cm.

**Bechstein, Johann Matthäus.** Vollständige naturgeschichte der schädlichen forstinsekten. Ein handbuch für forstmänner, cameralisten und oekonomen. Hrsg. von Johann Matthäus Bechstein . . . und Georg Ludwig Scharfenberg . . . Leipzig, C. F. E. Richter, 1804-05.

Agr 5-249

3 v. XIII col. pl. 23 $\frac{1}{2}$ ×19 $\frac{1}{2}$ cm.

**Blandford, Walter Fielding Holloway.** Insects injurious to Coniferæ . . . London, [1892]

29 p. 21 $\frac{1}{2}$ cm.

Reprinted from the Journal of the Royal horticultural society, vol. xiv. Conifer conference report.

**Chittenden, Frank Hurlbut.** Insect enemies of the white pine. (U. S. Agriculture, Department of—Forestry, Division of. Bulletin no. 22. Washington, 1899. p. 55-61. illus.)

**Felt, Ephraim Porter.** Insects affecting forest trees . . . Albany, J. B. Lyon company, printers, 1903.

Agr 4-277

cover-title, 479-534 p. illus., 16 pl. (3 col.) 28 $\frac{1}{2}$ cm.

Reprinted from Seventh report, Forest, fish and game commission, state of New York.

**Felt, Ephraim Porter.** Insects injurious to elm trees . . . [Albany, 1902]

cover-title, 351-379 p. illus., 3 col. pl. 29 $\frac{1}{2}$ cm.

Reprinted from Fifth annual report, Fisheries, game and forest commission, state of New York.

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31 p. illus., 5 pl. (3 col.) 28 $\frac{1}{2}$ cm.

Extract from the Fourth annual report of the Commissioners of fisheries, game and forests of the state of New York.

**Froggatt, Walter Wilson.** . . . The entomology of the grass-trees (*Xanthorrhoea*) . . . [Sydney] 1896.

[73]-87 p. 1 pl. 21 $\frac{1}{2}$ cm.

From the Proceedings of the Linnean society of New South Wales, 1896, part 1, April 29th.

**Froggatt, Walter Wilson.** Insects of the wattle trees . . . Sydney, 1902.

[70]-720 p. III pl. 25cm.

From the Agricultural gazette of New South Wales, vol. XIII, pt. 7, July, 1902.

**Harrington, W. Hague.** "On some Coleoptera injurious to our pines" . . . [Ottawa, 1881]

28-33 p. 21 $\frac{1}{2}$ cm.

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**Henry, Edmond.** Atlas d'entomologie forestière, par E. Henry . . . 2. éd., rev. et augm. . . 49 planches avec texte explicatif, dont 33 reproduites d'après l'atlas du "Cours de zoologie forestière" par Auguste Mathieu . . . Paris, Nancy, Berger-Levrault & c<sup>ie</sup>, 1903.

Agr 3-1078

[108] p. incl. 49 pl. (2 fold., 1 col.) 25 $\frac{1}{2}$ cm.

**Hopkins, Andrew Delmar.** Catalogue of exhibits of insect enemies of forests and forest products at the Louisiana purchase exposition, St. Louis, Mo., 1904. Washington, 1904.

56 p. 22 pl. 23cm. (U. S. Agriculture, Dept. of—Entomology, Division of. Bulletin no. 48)

**Hopkins, Andrew Delmar.** Insect enemies of the pine in the Black Hills forest reserve; an account of results of special investigations, with recommendations for preventing losses. Washington, 1902.

24 p. illus., 7 pl. 23cm. (U. S. Agriculture, Dept. of—Entomology, Division of. Bulletin, new ser., 32)

**Hopkins, Andrew Delmar.** Insect enemies of the redwood. (U. S. Agriculture, Dept. of—Forestry, Division of. Bulletin no. 38. Washington, 1903. p. 32-40)

**Hopkins, Andrew Delmar.** Insect enemies of the spruce in the northeast. A popular account of results of special investigations, with recommendations for preventing losses. Washington, 1901.

80 p. illus., 16 pl. 23cm. (U. S. Agriculture, Dept. of—Entomology, Division of. Bulletin, new ser., 28.)

**Hopkins, Andrew Delmar.** Insect injuries to hardwood forest trees. (U. S. Agriculture, Dept. of. Yearbook, 1903. Washington, 1904. p. 313-328. illus., pl.)

**Hopkins, Andrew Delmar.** Powder-post injury to seasoned wood products. Washington, 1903.

5 p. illus. 23cm. (U. S. Agriculture, Dept. of—Entomology, Division of. Circular 55)

**Hopkins, Andrew Delmar.** Preliminary report on the insect enemies of forests in the northwest. An account of the results gained from a reconnaissance trip made in the spring and early summer of 1899. Washington, 1899.

27 p. 23cm. (U. S. Agriculture, Dept. of—Entomology, Division of. Bulletin, new ser., 21)

**Hopkins, Andrew Delmar.** Some of the principal insect enemies of coniferous forests in the United States. (U. S. Agriculture, Dept. of. Yearbook 1902. Washington, 1903. pp. 265-282. illus., 2 pl.)

**Howard, Leland Ossian.** General work against insects which defoliate shade trees in cities and towns. Washington, 1896.

4 p. 23cm. (U. S. Agriculture, Dept. of—Entomology, Division of. Circular, ser. 2, no. 15)

"In advance from an article entitled: 'The shade-tree insect problem in the eastern United States,' to be published in the Yearbook of the Department for 1895."

**Howard, Leland Ossian.** Shade-tree insect problem in the eastern United States. (U. S. Agriculture, Dept. of. Yearbook, 1895. Washington, 1896. p. 361-384. illus.)

**Howard, Leland Ossian.** Three insect enemies of shade trees. Washington, 1899.

30 p. illus. 23cm. (U. S. Agriculture, Dept. of. Farmer's bulletin 99)

"Reprinted with some annotations by the author, from the Yearbook of the Department of agriculture for 1895."

**Judeich, Johann Friedrich.** Lehrbuch der mitteleuropäischen forstinsektenkunde von Dr. J. F. Judeich . . . und Dr. H. Nitsche . . . als 8. aufl. von Dr. J. T. C. Ratzburg, Die Waldverderber und ihre feinde in vollständiger umarbeitung hrsg . . . Wien, E. Hölzel, 1895.

2 v. front. (port., v. 1) illus., VIII col. pl. 23 $\frac{1}{2}$ cm.

Paged continuously; v. 1: XVIII, 736, [XIX]—XXXI p.; v. 2: XI, [737]-1421, [XIII]—XXII p.

CONTENTS.—1. Ratzburg's leben. Einleitung. Allgemeiner theil. Specieller theil I: Gerad- und netzfügler, käfer und hautfügler.—2. Specieller theil II: Schmetterlinge, zweiflügler, schnabelkerfe. Nachträge. Die feinde der einzelnen holzarten.

**Kirby, William.** . . . Some observations upon insects that prey upon timber, with a short history of the *Cerambyx violaceus* of Linnaeus . . . [London, 1809]

246-260 p. pl. 27 $\frac{1}{2}$  x 22 $\frac{1}{2}$ cm.

From Transactions of the Linnean society of London, vol. v.

**Leidy, Joseph.** Report to the Councils of Philadelphia on some of the insects injurious to our shade trees . . . Philadelphia, 1862.

11 p. 22 $\frac{1}{2}$ cm.

**Nüsslin, Otto.** Leitfaden der forstinsektenkunde. Von Dr. Otto Nüsslin . . . Berlin, P. Parey, 1905.

Agr 5-823

xvi, 454 p. illus. (incl. ports.) 22 $\frac{1}{2}$ cm.

"Geschichte und literatur der forstinsektenkunde": p. [1]-8.

**Packard, Alpheus Spring.** Fifth report of the United States entomological commission, being a revised and enlarged edition of Bulletin no. 7, on insects injurious to forest and shade trees. Washington, 1890.

957 p. illus., 40 pl. 23cm. (U. S. Entomological commission. Report 5)

**Packard, Alpheus Spring.** Insects injurious to forest and shade trees. Washington, 1881.

275 p. illus. 23cm. (U. S. Entomological commission. Bulletin 7)

"Second edition published as the fifth report of the United States entomological commission."

**Packard, Alpheus Spring.** Report on the causes of destruction of evergreen forests in northern New England and New York. (U. S. Agriculture, Commissioner of. Report of the Commissioner . . . for the year 1883. Washington, 1883. p. 138-151)

**Packard, Alpheus Spring.** Second report on the causes of the destruction of the evergreen and other forest trees in northern New England and New York. (U. S. Agriculture, Commissioner of. Report of the Commissioner . . . for the year 1884. Washington, 1884. p. 374-383)

**Packard, Alpheus Spring.** Third report on the causes of destruction of the evergreen and other forest trees in northern New England. (U. S. Agriculture, Commissioner of. Report of the Commissioner . . . 1885. Washington, 1885. p. 319-333. 1 pl.)

**Peck, Charles Horton.** The black spruce . . . [Albany, 1876]

21 p. 23cm.

From Transactions of the Albany institute, v. 8, p. 283-301.

**Perkins, George Henry.** . . . Insects injurious to the American elm . . . Montpelier, 1890.

96 p. illus. 25 $\frac{1}{2}$ cm.

From 11th report of the Vermont state board of agriculture.

**Planchon, Jules Émile.** Notes entomologiques . . . [Montpellier, 1870]

4 p. 21cm.

Extraites des Ann. de la Société d'hortic. et d'hist. natur. de l'Hérault, séance du 13 novembre 1870.

CONTENTS.—Sur une chenille qui attaque le *Pinus excelsa* . . . —Sur l'accouplement des pucerons dans le midi de la France.

**Ratzburg, Julius Theodor Christian.** Entomologische beiträge von Dr. J. T. C. Ratzburg . . . (Bei der Akademie. eingegangen den 12. juni 1834) [Halle, 1835]

1 p. l. [423]—476 p. xxxii—xxxiii pl. (1 col.) 28 $\frac{1}{2}$ cm

From Nova acta Acad. Caes. Leopold.-Carol Germ. nat. cur. vol. xvii.

**Ratzburg, Julius Theodor Christian.** Die forst-insecten oder abbildung und beschreibung der in den wüldern Preussens und der nachbarstaaten als schädlich oder nützlich bekannt gewordenen insecten; in systematischer folge und mit besonderer rücksicht auf die vertilgung der schädlichen. Im auftrage des chefs der zweiten abtheilung des Königl. Preuss. Haus-ministeriums Herrn geheimen staats-ministers von Ladenberg Excellenz hrsg. von Julius Theodor Christian Ratzburg . . . Berlin, Nicolai'sche buchhandlung, 1839—[44]

Agr 3—264

3 v. front. (v. 1) illus., plates (partly col.) fold. tables. 29 $\frac{1}{2}$ cm.

1.th. is Ed. 2.

Imprint of 3.th: Wien, E. Hölzel.

CONTENTS.—1.th. Die käfer. 1839.—2.th. Die falter. 1840.—3.th. Die adler-, zwei-, halb-, netz- und geradflügler. [1844]

**Riley, Charles Valentine.** Our shade trees and their insect defoliators; being a consideration of the four most injurious species which affect the trees of the capital; with means of destroying them. Washington, 1887.

69 p. illus., pl. 23cm. (U. S. Agriculture, Dept. of—Entomology, Division of. Bulletin 10)

**Riley, Charles Valentine.** Remarks on the insect defoliators of our shade trees . . . before the New York farmers, at a meeting held March 10, 1887, and reported by James W. Tooley. New York [1887]

12 p. 25cm.

Reprinted from Proceedings of the New York farmers, season 1886—87.

**Rivers, John James.** The oaks of Berkeley and some of their insect inhabitants . . . Sacramento, 1887.

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[266]—271 p. 22 $\frac{1}{2}$ cm.

Sonderabdruck aus der "Zeitschrift für pflanzenkrankheiten." III. bd. 5. hft.

**Simony, Friedrich.** Schütz dem walde! Von Professor Dr. Friedrich Simony. Vortrag gehalten am 21. Februar 1877 im Vereine zur verbreitung naturwissenschaftlicher kenntnisse in Wien. Nebst einem anhang: Ueber einige feinde des waldes von J. v. N. . . Wien, Im selbstverlage des Vereines zur verbreitung naturwissenschaftlicher kenntnisse in Wien, 1878.

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**Stebbing, E. P.** Departmental notes on insects that affect forestry. By E. P. Stebbing . . . Calcutta, Office of the Superintendent of government printing, India, 1902—03.

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**Stebbing, E. P.** A note on the sandal wood boring insects of Madras, by E. P. Stebbing . . . Calcutta, Office of the superintendent of government printing, India, 1903.

Agr 5—636

cover-title, 13 p. 24 $\frac{1}{2}$ cm.

**Stewart, J. T.** Shade trees, indigenous shrubs and vines, by J. T. Stewart, M. D., and Insects that infest them, by Miss Emma A. Smith. Peoria, Ill., Transcript company, printers and binders, 1877.

55 p. illus. 22cm.

**Townsend, Charles Henry Tyler.** Some larvæ on scrub oak . . . [San Diego, Cal.] 1893.

[47]—51 p. 23 $\frac{1}{2}$ cm.

From the West American scientist, vol. VIII, p. 47—51.

## MISCELLANEOUS.

**Butler, Edward Albert.** Our household insects, an account of the insect-pests found in dwelling houses, by Edward A. Butler . . . London and New York, Longmans, Green, and co., 1893.

vii p., 1 l., 344 p. illus., vii pl., incl. front. 19<sup>cm</sup>.

— New ed. London, New York, and Bombay, Longmans, Green, and co., 1896.

vii p., 1 l., 344 p. illus., vii pl. incl. front. 19<sup>cm</sup>.

**Forbes, Stephen Alfred.** . . . Studies on the contagious diseases of insects . . . Peoria, Ill., 1886.

[257]-321 p. pl. 23<sup>cm</sup>. (Bulletin of the Illinois state laboratory of natural history. vol. II. article IV)

**Hagen, Hermann August.** Museum pests observed in the Entomological collection at Cambridge. [Boston] 1878.

[56]-62 p. 22<sup>cm</sup>.

From the Proceedings of the Boston society of natural history, vol. XX, October 23, 1878.

**Hough, Walter.** The preservation of museum-specimens from insects and the effects of dampness . . . [Washington, 1889]

549-558 p. 23<sup>cm</sup>.

From the Annual report of the Board of regents of the Smithsonian institution . . . for the year ending June 30, 1887.

**Houlbert, Constant Vincent.** Les insectes ennemis des livres; leurs mœurs—moyens de les détruire; par C. Houlbert Paris, A. Picard & fils, 1903. 3-25786

2 p. l., xxxviii, 269, [1] p. illus., 3 pl. 23<sup>cm</sup>.

Half-title: Recherches expérimentales sur les insectes qui nuisent aux livres et aux bibliothèques.

"Composé principalement dans le but de répondre aux conditions du Prix Marie Pellechet. Sauf quelques additions, il est tel qu'il a été soumis à l'appréciation de MM. les membres du jury, chargés de juger le concours."

"Concours pour l'étude des insectes ennemis des livres. Rapport général, par M. Henry Martin": p. iii-xii.

"Index bibliographique" (94 titles): p. [xxvii]-xxxviii.

**Howard, Leland Ossian.** Danger of importing insect pests. (U. S. Agriculture, Dept. of. Yearbook, 1897. Washington, 1898. p. 529-552)

**Howard, Leland Ossian.** Principal household insects of the United States, by L. O. Howard and C. L. Marlatt; with a chapter on insects affecting dry vegetable foods, by F. H. Chittenden. Washington, 1896.

130 p. illus. 23<sup>cm</sup>. (U. S. Agriculture, Dept. of—Entomology, Division of. Bulletin, new ser., 4)

— Rev. ed. Washington, 1899.

131 p. illus. 23<sup>cm</sup>. (U. S. Agriculture, Dept. of—Entomology, Division of. Bulletin, new ser., 4)

**LeConte, John Lawrence.** . . . Report on insects introduced by means of the international exhibition . . . Philadelphia, 1876.

6 p. 22<sup>cm</sup>.

Extracted from the Proceedings of the Academy of natural sciences of Philadelphia, November, 1876.

Report signed by J. L. LeConte, Chairman, Geo. H. Horn, and Joseph Leidy.

**O'Connor, John Francis Xavier.** Facts about bookworms, their history in literature and work in libraries, by Rev. J. F. X. O'Connor . . . New York, F. P. Harper, 1898.

86, [1] p. incl. illus., plates, facsimis. 18<sup>cm</sup>.

**Trouessart, Édouard Louis.** . . . Les parasites des habitations humaines et des denrées alimentaires ou commerciales, par le Dr E.-L. Trouessart . . . Paris, G. Masson [etc.] [1895]

168 p. illus. 19<sup>cm</sup>. (Encyclopédie scientifique des aide-mémoire, pub. sous la direction de M. Léauté . . .)

**Tryon, Henry.** . . . Destructive insects liable of introduction to Queensland . . . [Brisbane, 1897]  
30-40 p. 24 $\frac{1}{2}$ cm.  
From the Queensland agricultural journal, v, 1, pt. 1, July, 1897.

**United States**—*Dept. of agriculture*—*Division of entomology.* Some Mexican and Japanese injurious insects liable to be introduced into the United States. Washington, 1896.

56 p. illus. 23cm. (U. S. Agriculture, Dept. of—Entomology, Division of. Bulletin, tech. ser., 4)

### APICULTURE.

**Adair, D. L.** Progressive bee culture or Apine instincts and labors defined, illustrated and systematized, upon a new theory. D. L. Adair, Hawesville, Ky. Cincinnati, Pub. for the author by R. Clarke & co., 1872. Agr 3—142  
cover-title, 24 p. illus. 22 $\frac{1}{2}$ cm.

**Allen, John.** The blessed bees, by John Allen. [3d ed.] New York, G. P. Putnam's sons [1881] Agr 5—496

4, [2], [5]—172 p. 17 $\frac{1}{2}$ cm. (On cover: Putnam's handy book series, of things worth knowing [XXVIII])

**Alley, Henry.** The bee-keeper's handy book: or, Twenty-two years' experience in queen-rearing, containing the only scientific and practical method of rearing queen bees, and the latest and best methods for the general management of the apiary. By Henry Alley . . . Wenham, Mass., Published by the author, 1883.

xv, 184 p. front., illus. 21cm. Agr 3—143

**Alley, Henry, comp.** The national beekeepers' directory. Containing a classified list of the beekeepers of the United States and Canada; with essays and hints regarding the successful management of the apiary. Comp. by Henry Alley

Salem, Mass, Printed at Salem press publishing and printing co., 1889. Agr 5—497  
iii, 139 p. illus. 19 $\frac{1}{2}$ cm.

**Alley, Henry.** Thirty years among the bees. The result of a quarter-century experience in rearing queen-bees, giving the practical, every-day work of the apiary. By Henry Alley . . . Salem, Mass., The author, 1891. Agr 5—498

2 p. l., 72 p. illus. 23 $\frac{1}{2}$ cm.

**Arnold, Don J.** Practical hints on bee culture. By Don J. Arnold. Brownville, Neb., Advertiser book and job print, 1874.

52 p. 14 $\frac{1}{2}$ cm.

**Balbiani, Édouard Gérard.** Rapport sur les insectes utiles. See under Sericulture, p. 111.

**Barot, Alexandre.** Les plantes mellifères. Leurs noms scientifiques-- leurs noms vulgaires—l'époque de leur floraison—leur habitat. Paris, C. Mendel [1895] Agr 4—1894  
58 p. 19cm.

**Bartrum, E.** . . . Bees in a bar-frame hive. By the Rev. E. Bartrum . . . and the Rev. R. McClelland . . . edited by Rev. E. Bartrum . . . published under the direction of the general literature committee. London, Society for promoting Christian knowledge, 1897.

16 p. 14cm. (Helpful hints for hard times)

**Beeton, Samuel Orchart.** . . . Bees, silkworms, and inhabitants of the aquarium, with twenty-nine engravings from designs principally by E. C. Rye. Also, a chapter on ferns (illustrated) . . . London, F. Warne and co. [n. d.]

cover-title, 705-832 p. illus. 18cm. (Beeton's home pets) Agr 3—145

**Benton, Frank.** Bee keeping. Washington, 1897.

32 p. illus. 23cm. (U. S. Agriculture, Dept. of. Farmers' bulletin 59)

**Benton, Frank.** La cria de las abejas, por Frank Benton . . . México, Oficina tip. de la Secretaría de fomento, 1898.

59 p. pl. 22 $\frac{1}{2}$ cm. (Biblioteca agrícola de la Secretaría de fomento) Agr 3—597

Translation of Farmers' bulletin no. 59 of U. S. Department of agriculture: Bee keeping.

**Benton, Frank.** The honey-bee: a manual of instruction in apiculture. Washington, 1895.

118 p. illus., 12 pl. 23<sup>cm</sup>. (U. S. Agriculture, Dept. of—Entomology, Division of. Bulletin, new ser., 1)

— — — Rev. ed. Washington, 1896.

118 p. illus., 12 pl. 23<sup>cm</sup>. (U. S. Agriculture, Dept. of—Entomology, Division of. Bulletin, new ser., 1)

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**Benton, Frank.** The honey bee: a manual of instruction in apiculture. By Frank Benton . . . [Tokio, 1900?]

6 pl., 174, [2] p. illus., plates. 22<sup>cm</sup>.

Text in Japanese.

Translation of Bulletin no. 1, new series, of the Division of entomology, U. S. Dept. of Agriculture, 1895.

Short bibliography of bees and bee culture, in English, near end of pamphlet.

**Bertrand, Ed.** Conduite du rucher, par Ed. Bertrand . ix. éd., entièrement rev. et cor. Paris, Librairie agricole de la maison rustique; [etc., etc., 1904] xii, 288 p. illus., fold pl. 19<sup>1</sup>/<sub>2</sub><sup>cm</sup>. Agr 4—461

**Bevan, Edward.** The honey-bee; its natural history, physiology and management, by Edward Bevan . . . London, Baldwin, Cradock and Joy, 1827.

xxvi, [2], 404 p. illus. 19<sup>1</sup>/<sub>2</sub><sup>cm</sup>.

— — — Rev., enl. and illustrated by William Augustus Munn . . . [3d ed.] London, J. Van Voorst, 1870.

1 p. l., xxiv p., 1 l., 385 p. incl. front, illus. 21 pl. (1 fold., 12 col.) 19<sup>cm</sup>.

Engr. t.-p.

Each plate accompanied by one or two pages of descriptive text.

**Bovill, A. K.** Bee-keeping in Cyprus . . . Nicosia, Cyprus, Printed at the Government printing office, 1895.

5, [3] p. 23<sup>1</sup>/<sub>2</sub><sup>cm</sup>.

In English, Greek, and Turkish.

**Browne, D. Jay.** Nature and habits of the honey-bee. (U. S. Patent office. Report of the Commissioner of patents for the year 1857. Agriculture. Washington, 1858, p. 107—121)

**Buckisch, William.** Bee-culture. Washington, 1861. (U. S. Patent office. Report of the Commissioner of patents for the year 1860. Agriculture. Washington, 1861, p. 268—301)

**Butlerov, Aleksandr Mikhaïlovich.** . . . Какъ водить пчелъ. Ученымъ комитетомъ Министерства народнаго просвѣщенія рекомендовано для библиотекъ низшихъ и среднихъ, мужскихъ и женскихъ учебныхъ заведеній вѣдомства Министерства народнаго просвѣщенія. Рассмотрѣно и одобрено пчеловодной комиссiей Императорскаго вольнаго экономическаго общества и отдѣленiемъ пчеловодства Императорскаго русскаго общества акклиматизаціи животныхъ и растений . . . 4-е изданіе . . . С.-Петербургъ, Типографія В. Демакова, 1895.

xii, 44 p. illus., plans. 23<sup>cm</sup>.

Agr 4—486

At head of title: А. М. Бутлеровъ.

How to raise bees. Recommended by the scientific committee of the Department of public instruction for the libraries of the lower and middle classes of educational institutions of the Department of public instruction. Inspected and approved by the apicultural committee of the Imperial Russian society for the acclimatization of plants and animals. . . . 4th ed. . . .

**Canada—Central experimental farm—Apiarist.** Bee keeping. Evidence of Mr. John Fixter . . . before the select standing committee on agriculture and colonization, 1903 . . . Ottawa, Printed by S. E. Dawson, printer to the king's most excellent majesty, 1903.

21 p. 24<sup>1</sup>/<sub>2</sub><sup>cm</sup>.



**Canestrini, Giovanni.** . . . Apicoltura di G. Canestrini . . . 4. ed. Milano, U. Hoepli, 1902. Agr 5—47

viii, 215 p. illus. 15<sup>cm</sup>. (Manuali Hoepli)  
Bibliography: p. [214]—215.

**Cheshire, Frank Richard.** Bees & bee-keeping; scientific and practical. A complete treatise on the anatomy, physiology, floral relations, and profitable management of the hive bee. By Frank R. Cheshire . . . London, L. U. Gill [1886]—88.

2 v. fronts., illus., 7 pl. 20<sup>cm</sup>.

Agr 5—509

CONTENTS.—v. 1. Scientific.—v. 2. Practical.

**Chitty, Walter.** Bee-keeping for beginners. According to the syllabus of the Board of education for schools, by Walter Chitty, F. S. Sc. London, K. Paul, Trench, Trübner & Co., Ltd., 1903.

Agr 4—945

viii, 87 p. illus. 19<sup>cm</sup>.

**Clément, A. L.** Apiculture moderne, par A.—L. Clément . . . [2. éd.] Paris, Larousse [18—]

Agr 5—510

126 p. illus. 21<sup>½</sup>cm.

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149 p. illus. 21<sup>½</sup>cm.

**Colvin, Richard.** The Italian honey-bee; or The culture and italianization of the native or black honey-bee. (U. S. Commissioner of agriculture. Report for the year 1863. Washington, 1863. p. 530—546)

**Comstock, Mrs. Anna (Botsford).** How to keep bees; a handbook for the use of beginners, by Anna Botsford Comstock . . . New York, Doubleday, Page & company, 1905.

5—12256

4 p. l., vii—ix, 228 p. front., illus., plates. 19<sup>cm</sup>.

"Bee books:" p. 215—217.

Plates printed on both sides.

**Cook, Albert John.** The bee-keepers' guide; or Manual of the apiary, by A. J. Cook . . . 7th ed., rev., enlarged, mostly re-written and beautifully illustrated. 9th thousand. Chicago, Ill., T. G. Newman, 1882.

3 p. l., vi p., 1 l., [11]—302, [8] p. front., illus. 19<sup>½</sup>cm.

American bee journals: p. 19—21.

"Books for the apiarist:" p. 21—23.

— — — 13th ed., rev., enlarged, re-written, and beautifully illustrated. 15th thousand. Lansing, Mich., 1888 [1883]

xv, 461 p. illus. 20<sup>½</sup>cm.

American bee journals: p. 11—12.

"Books for the apiarist:" p. 12—15.

— — — 14th ed., rev., enlarged, re-written, and beautifully illustrated. 16th thousand. Lansing, Mich., 1891 [1883]

xv, 461 p. illus. 20<sup>½</sup>cm.

American bee journals: p. 11—12.

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**Cook, Albert John.** Manual of the apiary, by A. J. Cook . . . 2d ed., rev., enlarged, mostly re-written and beautifully illustrated. Chicago, Ills., T. G. Newman & son, 1878.

4 p. l., viii, [11]—286 p. col. front., illus. 20<sup>cm</sup>.

American bee journals: p. 19—21.

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For later editions see his: The bee-keepers' guide.

**Cutting, James A.** A short treatise on the care and management of bees, and the construction of the changeable bee-hive; by James A. Cutting . . . Manchester, Printed for the inventor, 1849.

Agr 3—151

cover-title, 16 p. illus. 18<sup>cm</sup>.

**D. . .** Manuel-pratique sur la culture des abeilles, contenant les moyens économiques d'en tirer le meilleur parti, et les recettes pour faire l'hydromel, la bière d'epicia et de genièvre. Par D. . . cultivateur d'abeilles . . . Paris, Debray, 1796.

32 p. 17<sup>cm</sup>.

Pub. with "Nouvelles observations sur les abeilles . . . par François Huber."

**Debeauvoys, J. B.** Guide de l'apiculteur, par M. Debeauvoys . . . 3. éd. Paris, Librairie d'agriculture et d'horticulture de M<sup>me</sup> V<sup>e</sup> Bouchard-Huzard, 1851.

xvi, 256 p. illus. 18<sup>1/2</sup><sup>cm</sup>.

Agr 3—153

**Doolittle, Gilbert M.** Scientific queen-rearing as practically applied; being a method by which the best of queen-bees are reared in perfect accord with nature's ways. By G. M. Doolittle . . . For the amateur and veteran in bee-keeping. Chicago, T. G. Newman and son, 1889.

169 p. incl. front. (port.) 19<sup>1/2</sup><sup>cm</sup>.

Agr 5—513

**Dubini, Angelo.** Appendice all' opera del Cav. Dott. Angelo Dubini, L'ape e il suo governo intesa a portarla all' altezza delle scoperte che successivamente si fecero dal 1881 al 1885 . . . Milano, Tipografia Guigoni, 1886.

64 p. fold. pl. 18<sup>cm</sup>.

**Dzierzon, Johann.** Beste bienenzuchts-methode nach pfarrer Dzierzon, enthaltend 1. Die aufsätze des vorstehers des Schlesischen bienenzüchter-vereins Wilh. Bruckisch. 2. Das bienenbuch des pfarrer Dzierzon. 3. Erfahrungen des W. Bruckisch durch seine 12jährige praxis in Amerika. Letztere sind am passendsten sogleich an die betreffende buch-stelle gesetzt worden. Hortentown, Texas, Selbstverlag des herausgebers W. Bruckisch, 1866.

2 p. l., 216 p. ii pl. 20<sup>cm</sup>.

Agr 3—155

**Dzierzon, Johann.** Dzierzon's rational bee-keeping; or, The theory and practice of Dr. Dzierzon . . . Tr. from the latest German ed. by H. Dieck and S. Stutterd. Ed. and rev. by Charles Nash Abbott . . . London, Houlston & sons; [etc., etc.] 1882.

xvi, 350 p. illus. 19<sup>cm</sup>.

Agr 5—514

**Eddy, Henry.** Eddy on bee-culture, and the protective bee-hive; a guide to a successful and profitable method of bee-culture; the results of many years' experience and observation in bee-keeping. By Henry Eddy . . . with an introductory notice by J. V. C. Smith. Boston, Press of Damrell & Moore, 1854.

x, [1], 12-58 p. front., illus. 18<sup>cm</sup>.

Agr 3—156

Paging irregular: no. [ix]-x repeated.

**Erslev, Hans.** . . . Ledetraad i biavl. . . 2. oplag. 12. tusinde. Kalundborg, Det Tortzen'ske bogtrykkeri, 1895.

66, [2] p. illus. 17<sup>cm</sup>. (Danmarks biavler-forenings smaaskrifter, nr. 10)

**Feburier.** Traité complet théorique et pratique sur les abeilles; par M. Feburier . . . Cet ouvrage, approuvé dans la séance de l'Institut de France, du 22 janvier 1810, contient l'histoire naturelle des abeilles, la culture de ces insectes applicable à toutes les espèces de ruches et à toutes les températures de la France, la comparaison des méthodes et des ruches adoptées jusqu'à ce jour avec celles proposées par l'auteur, enfin l'état des connoissances des Grecs et des Romains et celles des peuples modernes dans le xviii<sup>e</sup>. siècle sur les abeilles . . . Paris, De l'imprimerie de Madame Huzard, 1810.

2 p. l., iv, 460 p. 1 fold. pl. 21<sup>cm</sup>.

Agr 3—182

**Girard, Maurice.** Les abeilles, organes et fonctions, éducation et produits, miel et cire, par Maurice Girard . . . Paris, J.-B. Baillière et fils, 1878.

viii, 280 p. col. front., illus. 18<sup>1/2</sup><sup>cm</sup>.

Agr 5—519

"Bibliographie de l'abeille ordinaire": p. [276]-278.

**Glock, Johann Ph.** Die symbolik der bienen und ihrer produkte in sage, dichtung, kultus, kunst und bräuchen der völker für wissenschaftlich gebildete imker sowie alle freunde des klassischen altertums und einer ästhetischen naturbetrachtung nach den quellen bearb. von Joh. Ph. Glock . . . Heidelberg, Verlag der vorm. Weiss'schen universitäts-buchhandlung, T. Groos, 1891.

xii, 411, [1] p. incl. pl. 21 $\frac{1}{2}$ cm.

Bibliography: p. 272-273.

**Gmelin, Albert.** Die biene von der urwelt bis zur neuzeit. Eine kurze darstellung der entwicklung der bienenzucht. Von Albert Gmelin . . . Stuttgart, E. Ulmer, 1899.

2 p. l., 83 p. incl. ports. 22cm.

Sonderabdruck aus: "Joh. Witzgall, Das buch von der biene."

**Graftiau, Jean.** La fabrication de l'hydromel, par Jean Graftiau. Conférences et essais organisés par la Société d'apiculture du Bassin de la Meuse et la fédération apicole de Hesbaye-Condruz dans les locaux de la Station apicole de Huy. Dison, Imprimerie de D. Debois, 1896.

32 p. 24 $\frac{1}{2}$ cm.

**Gravenhorst, Christoph Johann Heinrich.** Der praktische imker. Lehrbuch der rationellen bienenzucht auf beweglichen und unbeweglichen waben. Von C. J. H. Gravenhorst . . . 4., verm. und verb. Aufl. Braunschweig, C. A. Schwetschke und sohn (E. Appelhaus) 1887.

iv, 280 p. front., illus. (incl. ports.) 22 $\frac{1}{2}$ cm.

**Gt. Brit.—Board of agriculture.** . . . Foul brood or bee pest. [London, 1896]

4 p. illus. 23cm. (*Its Leaflet no. 32*)

— [London, 1898]

4 p. illus. 21 $\frac{1}{2}$ cm. (*Its Leaflet no. 32*)

**Hamet, Henri.** Cours pratique d'apiculture (culture des abeilles) professé au Jardin du Luxembourg, par H. Hamet . . . 7. éd., revue par E. Sevalle . . . Paris, Aux bureaux de l'Apiculteur, 1893.

5 p. l., 453 p. illus. 18 $\frac{1}{2}$ cm.

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"Notice sur H. Hamet: p. [3]-4.

**Harrison, Charles.** The book of the honey bee, by Charles Harrison . . . London and New York, J. Lane, 1903.

Agr 3—1285

xii, 132 p. incl. front., illus. plates. 19 $\frac{1}{2}$ cm. (*Half-title: Handbooks of practical gardening. xiv.* Ed. by Harry Roberts)

**Heddon, James.** Success in bee-culture. As practiced and advised by James Heddon . . . Dowagiac, Mich., Times print, 1885.

128 p. illus. 21cm.

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Kristiania, J. Dybwads forlag; [etc., etc.] 1894.

Agr 4—3388

3 p. l., 424 p. illus. 21 $\frac{1}{2}$ cm.

**Howard, William R.** Foul brood; its natural history and rational treatment. With a review of the work of others. By Wm. R. Howard, M. D., Fort Worth, Texas. Chicago, Ill., G. W. York & co., 1894.

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**Huber, François.** New observations on the natural history of bees. By Francis Huber. 3d ed. . . . Edinburgh, Printed for U. & C. Tait, and Longman, Hurst, Rees, Orme, and Brown, London, 1821.

xv, 440 p. v pl. 18 $\frac{1}{2}$ cm.

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1 p. l., x, [11]—280, 32 p. illus. 17<sup>cm</sup>.

— Nouvelles observations sur les abeilles, par François Huber, 2. éd., rev., cor. et considérablement augm. . . Paris [etc.] J. J. Paschoud, 1814.

2 v. 14 pl. 21<sup>4</sup><sup>cm</sup>.

**Huber, François.** Observations on the natural history of bees. By Francis Huber. A new ed., with a memoir of the author, practical appendix, and analytical index . . . London, Printed for T. Tegg, 1841.

2 p. l., xxiv, 352 p. v pl. 19<sup>4</sup><sup>cm</sup>.

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**Huish, Robert.** The cottager's manual for the management of his bees, for every month in the year; both on the suffocating and depriving system; with the necessary instructions for the purchase of hives, and the general management of the apiary. By Robert Huish . . . 2d ed., with considerable additions, founded on the most recent discoveries. London, Wetton and Jarvis, 1821.

Agr 3—190

2 p. l., xvi, [17]—104 p. 19<sup>cm</sup>.

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Advertisements: p. 100—104.

**Hunter, Samuel John.** Alfalfa, grasshoppers, bees. *See under Acridiidae*, p. 291.

**Hutchinson, W. Z.** Advanced bee-culture, its methods and management, by W. Z. Hutchinson . . . Flint, Mich., The review print, 1891.

Agr 5—524

87, [1] p. incl. front. (port.) illus. 23<sup>cm</sup>.

**Japan**—*Dept. of agriculture and commerce—Agricultural bureau.* A description of bees, honey, beeswax and bee appliances exhibited in the World's Columbian exposition, published by Agricultural bureau, Department of agriculture and commerce, Japan. [n. p.] 1893.

1 p. l., 4 p. 22<sup>cm</sup>.

**Kelleh, Tony.** . . . Katechismus für bienenzüchter und bienenfreunde. Unter berücksichtigung der neuesten forschungen und beobachtungen hervorragender imker, bearb. und hrsg. von Tony Kellen . . . Leipzig, M. Hesse's verlag [1892] viii 287, [1] p. incl. front., illus. 18<sup>4</sup><sup>cm</sup>.

Agr 4—1780

(Max Hesse's illustrierte katechismen no. 28)

"Bibliographisches verzeichnis der wichtigeren neueren bienenzucht-litteratur": p. [277]—287.

**Kellen, Tony.** Die kunstwaben. Deren nutzen und anwendung beim bienenzuchtbetrieb sowie deren fabrikation auf walzwerken und handpressen. Nach den mitteilungen mehrerer kunstwabenfabrikanten, insbesondere des Herrn Otto Schulz, und mit berücksichtigung der beobachtungen und erfahrungen praktischer imker, bearb. und hrsg. von Tony Kellen . . . Braunschweig, C. A. Schwetschke und sohn (Appelhans & Pfennigstorff) 1892.

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**King, A. J.** The new bee-keepers' text book, by A. J. King . . . 24th ed., 52d thousand. Being a thorough revision of the old text book, by N. H. & H. A. King. Enlarged and illustrated. New York, O. Judd company, 1879.

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**Kruschke brothers.** Rape culture: its value as a farm crop and honey plant, briefly set forth with testimonials from experienced agriculturists and bee-keepers, both of Europe and America. Kruschke bros., Berlin, Wisconsin. [Berlin, Wis.] Berlin courant print [1874]

cover-title, 23 p. 16<sup>cm</sup>.

**Lahn, W.** Lehre der honig-verwertung. Anweisung zur fabrikation von met, wein, champagner, liqueur, sirup, essig, moussierender limonade, alkohol, etc., zur herstellung seiner backwerke mit honig, wie Nürnberger und italienischer leb-kuchen, konfitüren, honig- und pfefferkuchen, etc., und zum einmachen der fruchte in honig. Nebst anleitung zum gebrauch des honigs in der gesundheitspflege und einem anhang: Das wachs und seine verwertung und ein blick in die geheimmit-tellehre. Hrsg. von W. Lahn . . . 2. neubearb. aufl. Oranienburg, E. Freyhoff's verlag, 1888.

xvi, 148 p. front., illus. (incl. port.) 19½<sup>cm</sup>.

**Langstroth, Lorenzo Lorraine.** Langstroth on the hive and honey bee, rev., enl., and completed by Chas. Dadant and son. Hamilton, Ill., C. Dadant & son, 1889.

Agr 5—525

1 p. l., xv, 521, v, xiii p. illus., 16 (i. e. 19) pl. (1 double, and incl. front., 12 port.) 19½<sup>cm</sup>.

**Langstroth, Lorenzo Lorraine.** A practical treatise on the hive and honey-bee, by L. L. Langstroth; with an introduction, by Rev. Robert Baird, D. D. 3d ed., rev., and illustrated with seventy-seven engravings. Philadelphia, J. B. Lippincott & co., 1870.

Agr 3—192

xii, 13—409 p. front., illus., 23 (i. e. 24) pl. 18½<sup>cm</sup>.

**Layens, Georges de.** Cours complet d'apiculture (culture des abeilles), par MM. Georges de Layens . . . et Gaston Bonnier . . . Ouvrage illustré de 244 figures dessinées d'après nature par A. Millot, P. Jamin, B. Henrincq, J. Poinsoit, etc. Paris, P. Dupont, éditeur [1897]

2 p. l., 439 p. illus. 20<sup>cm</sup>.

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**Layens, Georges de.** L'hydromel, par M. Georges de Layens . . . Paris, P. Dupont, éditeur, 1894.

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**McEvoy, William.** Foul brood. Its cause and cure. By Wm. McEvoy . . . Published by the New Jersey state board of agriculture, April 24, 1895. Trenton, N. J., Naar, Day & Naar, printers, 1895.

8 p. 23½<sup>cm</sup>.

**McLain, Nelson W.** Report on experiments in apiculture. (U. S. Agriculture, Commissioner of. Report of the Commissioner . . . 1885. Washington, 1885. p. 333—343)

— (U. S. Agriculture, Commissioner of. Report of the Commissioner . . . 1886. Washington, 1887. p. 583—591)

— (U. S. Agriculture, Commissioner of. Report of the Commissioner . . . 1887. Washington, 1888. p. 170—178)

**Manual del apicultor peruano.** Lima, Impr. del "Monitor popular," 1898.

1 p. l., vii, [3]—104 p. 10 pl. 20<sup>cm</sup>.

Preface signed: Un demócrata.

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**Miller, Charles C.** . . . Bee culture, by Dr. C. C. Miller. Published by direc-tion of the secretary. 1901. [Harrisburg], W. S. Ray, state printer of Pennsylvania, 1901.

103 p. illus. 23½<sup>cm</sup>. (Commonwealth of Pennsylvania. Dept. of agriculture. Bulletin no. 77)

**Miller, Charles C.** Forty years among the bees, by Dr. C. C. Miller. Chicago, Ill., G. W. York & company, 1903.

327 p. illus. 20½<sup>cm</sup>.

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**Miller, Charles C.** A year among the bees; being a talk about some of the implements, plans and practices of a bee-keeper of 25 years' experience, who has for 8 years made the production of honey his exclusive business. By C. C. Miller, M. D. Chicago, Office of the American bee journal [1891?]

114 p. illus. 17½<sup>cm</sup>.

**Morrison, W. K.** . . . Bee-keeping in the West Indies. By W. K. Morrison . . . [n. p., "Agricultural reporter" printing office] 1901.  
4 p. l., 73 p. illus. 18<sup>cm</sup>. (Imperial department of agriculture for the West Indies. Pamphlet ser., no. 9)

"Books on bees": p. 57-58.

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**Motchalkine, Th. S.** Histoire sommaire du rucher de la Société impériale d'acclimatation, par M. Th. S. Motchalkine. Moscôu, Impr. A. B. Wassilieff, 1900.  
20 p. illus. 22<sup>cm</sup>.

**Newman, Thomas Gabriel.** Bees and honey; or, The management of an apiary for pleasure and profit. By Thomas G. Newman . . . Chicago, Ill., Office of the American bee journal, [188-]  
[11], 12-192 p. front., illus., pl. 20<sup>1</sup>/<sub>2</sub><sup>cm</sup>.

**Ohlsen, Carlo.** L'ape e l'apicoltura . . . Catania, Reale tipografia Pansini, 1893. Agr 3—199

13 p. 23<sup>cm</sup>.

Estratto dalla Nuova rassegna.

**Pettigrew, A.** The handy book of bees; being a practical treatise on their profitable management, by A. Pettigrew. Edinburgh and London, W. Blackwood and sons, 1870. Agr 4—998

xii p., 193 p. illus. 18<sup>1</sup>/<sub>2</sub><sup>cm</sup>.

**Phin, John.** A dictionary of practical apiculture. Giving the correct meaning of nearly five hundred terms, according to the usage of the best writers. Intended as a guide to uniformity of expression amongst bee-keepers. With numerous illustrations, notes, and practical hints. By John Phin. New York, The Industrial publication company, 1884.

1 p. l., xiv, [7]—80 p. illus. 19<sup>cm</sup>.

**Pierce, Griffith R.** The winter problem in bee-keeping. An exposition of the conditions essential to success in the winter & spring management of the apiary, by G. R. Pierce . . . Oneonta, N. Y., E. C. Reynolds, job print, ° 1891.

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**Quinby, Moses.** . . . Mysteries of bee-keeping explained. Containing the result of thirty-five years' experience, and directions for using the movable comb and box-hive, together with the most approved methods of propagating the Italian bee. By M. Quinby . . . New stereotyped and illustrated ed. New York, O. Judd & company, 1866. Agr 3—201

x p., 1 l., [17]—348 p. illus. 19<sup>1</sup>/<sub>2</sub><sup>cm</sup>.

At head of title: Newly written throughout.

**Quinby, Moses.** Quinby's new bee-keeping. The mysteries of bee-keeping explained. Combining the results of fifty years' experience, with the latest discoveries and inventions, and presenting the most approved methods, forming a complete guide to successful bee-culture. By L. C. Root . . . New and rev. ed. New York, O. Judd company, 1884. Agr 5—536

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**Reinhold, Alejandro, pub.** . . . Apicultura moderna; descripción de colmenas norte americanas y todos los útiles necesarios para apicultores. Buenos Aires, A. Reinhold, 1903. Agr 3—957

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2. bd., 1. buch hrsg. von Ph. Fr. Rothschütz.

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Continuation of *Nebraska bee-keeper*, q. v.

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Vol. 7-9, no. 6, semi-monthly.

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Vol. 7, title reads: *Nebraska bee keeper and irrigator*, a monthly journal devoted to apiculture and irrigation.

Continued under the title: *Busy bee*, q. v.

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**Pacific bee journal** [monthly] Jan. 1896-Apr. 1898. v. 1-3, no. 4. illus. 8°. Los Angeles [1896-98]

Vol. 1 published quarterly.

**Pacific states bee journal**, published monthly in the interest of honey producers. Nov. 1903-June 1904. v. 1, no. 1-8. illus. 8°. Tulare, Cal. [1903-04]

May 1, 1904, absorbed the Rocky mountain bee journal. After June, 1904, continued as The western bee journal.

**Progressive bee-keeper** [monthly] Jan. 1892-Aug. 1901, v. 2-11, no. 8; Sept. 1901-Dec. 1904, v. 9, no. 9-v. 12. illus. 8°. Higginsville, Mo. [1892-1904]

Vol. 3, 1893: v. 5-6, 1895-96; v. 8, 1898; v. 10, 1900, incomplete.

Sept. 1901, vol. no. changed from 11 to 9.

**Revue internationale d'apiculture** [monthly] Jan. 1891-Oct. 31, 1896; Dec. 31, 1886-Dec. 31, 1903. v. 13-18, no. 10; v. 18, no. 12-v. 25. illus. 8°. Nyon, Switzerland, 1891-1903.

Ceased publication Dec. 1903.

Ed. by Edouard Bertrand.

The **Rocky mountain bee journal** . . [monthly] Feb.-Nov. 1901; Jan., May-June, Oct.-Nov. 1902; Jan., Mar., May, 1903-Mar. 1904. v. 1, no. 1-10, 12; v. 2, no. 16-17, 21-22, 24; v. 3, no. 26, v. 3, no. 28-v. 4, no. 38. 8° Boulder, Colo. [1901-04]

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Ed. by J. C. Bosch.

The **Western bee journal**, published monthly in the interest of bee keepers. July, 1904-Jan. 1905. v. 1, no. 2-v. 2, no. 3. 8°. Hanford & Kingsbury, Cal. [1904-05]

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"La biblioteca dell' I. R. Istituto sperimentale, il cui catalogo viene in seguito pubblicato, comprende oltre 3,000 volumi di opere di scienze naturali e d' agricoltura, riguardanti in ispecialità la bachicoltura, la viticoltura, l' enologia e le malattie delle piante."—p. [3]

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Signed: Samuel Chamberlaine.

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34 p. 23<sup>cm</sup>.

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The **history** of silk, cotton, linen, wool, and other fibrous substances; including observations on spinning, dyeing and weaving. Also an account of the pastoral life of the ancients, their social state and attainments in the domestic arts, with appendices on Pliny's natural history; on the origin and manufacture of linen and cotton paper; on felting, netting, &c. deduced from copious and authentic sources . . . New York, C. M. Saxton; New London, Conn., E. R. Fellows, 1853. Agr 4—287

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**Mahan, Jason M.** Directions for cultivating the Italian mulberry, management of silk worms, &c. By Jason M. Mahan . . . Bethania, Pa., R. Chambers, printers, 1834.  
16 p. 13<sup>cm</sup>.

**Mississippi silk company.** . . . Price list for the fall of 1882 and spring of 1883 . . . [Aberdeen, Miss.? 1882]  
[3] p. 23<sup>1</sup>/<sub>4</sub><sup>cm</sup>.  
Caption title.

**Morris, John G.** Additional observations on the ailanthus silk-worm of China. (U. S. Agriculture, Commissioner of. Report . . . for the year 1862. Washington, 1863. p. 390-394. 2 pl.)

**Morris, John G.** The ailanthus silk-worm of China (*Bombyx cynthia*) (U. S. Patent office. Report of the Commissioner of patents for the year 1861. Agriculture. Washington, 1862. p. 374-382)

**Neumann, Joseph.** History of the discovery in California of a native silk worm. By Prof. Joseph Neumann. San Francisco, Woodward & co., print [1887]  
12 p. 11<sup>1</sup>/<sub>4</sub><sup>cm</sup>.  
— — — Washington, D. C., Ramsey & Bisbee, printers, 1888. Agr 4—327  
31 p. incl. port. 14<sup>1</sup>/<sub>4</sub><sup>cm</sup>.

**The Nonotuck silk company, Florence, Mass.** Silk; its origin, culture, and manufacture; illustrated from photographs taken at the Corticelli silk mills . . . Florence, Mass., The Nonotuck silk company, 1902. 2—22203 .  
62 p. front., illus. 17<sup>1</sup>/<sub>4</sub><sup>cm</sup>.  
p. 51-62 advertising matter.

**Prevost, Louis.** California silk grower's manual, by Louis Prevost . . . San Francisco, H. H. Bancroft and company, 1867. Agr 5—228  
xii, [3]—246 p. front. 18<sup>cm</sup>.

**Rienzi, Mrs. Louise.** General instructions for rearing silk-worms, with a treatise on securing healthy silkworm eggs. Also, a sketch of the habits and structure of the silkworm. By Mrs. Louise Rienzi . . . Sacramento, J. J. Ayers, supt. state printing, 1886.  
21 p. illus. 22<sup>cm</sup>.

— — — Sacramento, P. L. Shoaff, supt. state printing, 1887.

39 p. illus. 17<sup>1</sup>/<sub>4</sub><sup>cm</sup>.

— — — Sacramento, J. D. Young, supt. state printing, 1888.

35 p. illus. 16<sup>1</sup>/<sub>2</sub><sup>cm</sup>.

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35 p. illus. 17<sup>cm</sup>.

**Riley, Charles Valentine.** How to raise silk-worms. A brief manual of instructions, abridged from Bulletin no. 9 of the Division of entomology. By Philip Walker, chief of the Silk section . . . Washington, 1890.  
16 p. illus. (U. S. Agriculture, Dept. of—Silk section. Bulletin no. 1)

**Riley, Charles Valentine.** The mulberry silk-worm; being a manual of instructions in silk-culture. Ed. 6, rev. Washington, 1886.

65 p. illus., 2 pl. 23<sup>cm</sup>. (U. S. Agriculture, Dept. of—Entomology, Division of. Bulletin 9)

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62 p. illus., 2 pl. 23<sup>cm</sup>. (U. S. Agriculture, Dept. of—Entomology, Division of. Bulletin 9)

First five editions were published as Special report No. 11, under the title, The silkworm.

**Riley, Charles Valentine.** The silkworm; being a brief manual of instructions for the production of silk. Washington, 1879.

31 p. illus. 23<sup>cm</sup>. (U. S. Agriculture, Dept. of. Special report no. 11)

Passed through five editions bearing this number. The 6th and 7th editions were published as Bulletin no. 9, old series, of the Division of Entomology, under the title: The mulberry silkworm.

[**Rossiter; Nellie Lincoln**] Silk and the silk worm, a complete work of instruction on silk culture, by C. H. Rossiter. [3d ed.] Philadelphia, Pa., N. L. Rossiter, 1881.

Agr 4—3599

25 p. illus. 18 $\frac{1}{2}$ <sup>cm</sup>.

Cover states that work is by Nellie Lincoln Rossiter, who also signs preface.

— — — [5th ed.] Philadelphia, N. L. Rossiter, 1884.

Agr 4—3600

31 p. illus. 17 $\frac{1}{2}$ <sup>cm</sup>.

Cover states that work is by Nellie Lincoln Rossiter, who also signs preface.

**Schweinitz, Emil Alexander de.** Chemical examination of osage orange (*Maclura aurantiaca*) leaves, and a feeding experiment in rearing silk worms. [Easton, Pa.] 1891.

7 p. 24<sup>cm</sup>.

Reprinted from the Journal of analytical and applied chemistry, vol. v, no. 2, February, 1891.

The silk culture in the United States: embracing complete accounts of the latest and most approved modes of hatching, rearing and feeding the silk-worm, managing a cocoonery, reeling, spinning, and manufacturing the silk, &c. &c. &c., with brief historical sketches of the silk business, natural history of the silk-worm, the mulberry, &c. compiled from the most approved and reliable works, illustrated by numerous engravings of machinery and processes. To which is added Blydenburgh's Manual of the silk culture; statistics of silk imports, &c. &c. New York, Greeley & McElrath, 1844.

80 p. illus., tab. 23<sup>cm</sup>.

• **Stevens, William B.** A brief history of the silk culture in Georgia. (U. S. Patent office. Annual report of the Commissioners of patents . . . for the year 1845. Washington, 1846. p. 806-817)

From Harris's Memoirs of Oglethorpe.

**United States—Bureau of foreign commerce.** . . . Sericulture, and silk reeling from the cocoons by machinery. Cultivation of the English walnut . . . Reports from the consuls of the United States, in answer to instructions from the Department of State. Issued from the Bureau of foreign commerce, Department of State. Washington, Gov't print. off., 1899.

Agr 4—344

2 p. l., 131-170 p. 5 pl. (1 fold.) 23<sup>cm</sup>. (Special consular reports. vol. xv, pt. ii)

**United States—Dept. of agriculture.** Silk culture. (U. S. Agriculture, Commissioner of. Report . . . for the year 1868. Washington, 1869. p. 282-304) "Silk culture in California," pp. 291-300, prepared by John S. Hittel.

**United States—Dept. of agriculture.** Silk culture. (U. S. Agriculture, Commissioner of. Report . . . for the year 1870. Washington, 1871. p. 235-241)

**United States—Dept. of agriculture—Silk section.** Report of the Silk section. (U. S. Agriculture, Dept. of. Report of the Secretary of agriculture. 1889, p. 453-476, 1890, p. 265-276. Washington, 1889-90. plates)

**United States—Patent office.** Silk. (U. S. Patent office. Annual report of the Commissioner of patents . . . for the year 1845. Washington, 1846. p. 805-875)

**United States—Treasury department.** . . . Growth and manufacture of silk. Letter from the secretary of the treasury, transmitting the information required by a resolution of the House of Representatives, of May 11, 1826, in relation to the growth and manufacture of silk, adapted to the different parts of the Union. February 7, 1828. Referred to the Committee on agriculture. Washington, Printed by Gales & Seaton, 1828.

Agr 4—345

8, viii, 9-220 p. illus., v pl. (1 fold.) fold. tab. 23 $\frac{1}{2}$ <sup>cm</sup>. (20th Cong., 1st sess., Ho. of Reps. Doc. no. 158)

**Utah—Silk commission.** Sericulture. Instruction in the art of producing silk. By the Utah silk commission. Salt Lake City, G. Q. Cannon & sons company, 1897. Agr 4—3466

30 p. incl. illus., plates. 22½cm.

**Vernon, William H.** A methodical treatise on the cultivation of the mulberry tree, on the raising of silk worms, and on winding the silk from the cocoons. United to an accurate description of the winding mill. With plates. Abridged from the French of M. de la Brousse; with notes and an appendix. By William H. Vernon . . . Boston, Hilliard, Gray, & co., 1828. Agr 4—3622

vi, [9]—174 p. iv fold. pl. 23¼cm.

**Walker, Philip.** Silk-culture report of the year's operations. Made to the entomologist. (U. S. Agriculture, Commissioner of. Report of the Commissioner . . . 1887. Washington, 1888. p. 115—122. 2 pl.)

**Walker, Philip.** Silk-culture report of the year's operations. Made to the entomologist. (U. S. Agriculture, Commissioner of. Report of the Commissioner . . . 1888. Washington, 1889. p. 111—123. 2 pl.)

**Williams, Mrs. Carrie.** Complete instruction in rearing silkworms, also how to build and furnish cocoeneries, how to plant, prune, and care for mulberry trees, together with much valuable information as to the silk industry in general; by Mrs. Carrie Williams . . . San Francisco, The Whitaker and Ray company (incorporated) 1902. 2—17042

140 p. illus. 16½cm.

**Women's silk culture association of the United States.** An instruction book in the art of silk culture, compiled by the Women's silk culture association of the United States, from various authorities and actual experiments, for the use of the women of their country whom they hope thereby to aid into the perfection of this beautiful industry in America. New and enl. ed. Philadelphia, 1882. Agr 5—246

1 p. l., 144 p. fold. front., illus., fold. pl. 23cm,

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**Adams, Sir Francis Ottiwell.** Third report on silk culture in Japan by F. O. Adams . . . Published by authority of H. B. M.'s minister. August, 1870. Yokohama, Printed at the "Japan mail" office, 1870. Agr 4—3468

1 p. l., 22 p. 7 fold. pl. (2 col.) 2 fold. maps. 23cm.

**Adams, Sir Francis Ottiwell.** Troisième rapport sur la sériciculture au Japon, par M. F.-O. Adams. Lyon, Au journal le Moniteur des soies, 1871. Agr 4—300

[3]—45, [1] p. 22½cm.

Extrait du journal Le Moniteur des soies, septembre, nos. 474, 475 & 476.

**Anca, Francesco, barone.** Sul Bombyx cynthia e sul ricino, del barone Francesco Anca . . . Palermo, Tipografia di B. Lima e Lao, 1856. Agr 4—301

24 p. 21cm.

**Association séricicole pratique du bassin du Rhône.** Association séricicole pratique du bassin du Rhône pour l'amélioration des races de vers à soie domestiques, principalement des races depuis longtemps acclimatées dans le midi de l'Europe, dites races de pays. Lyon, Impr. commerciale de Pitrat aîné, 1867.

31 p. 25cm.

**Il baco o filugello; brevi cenni pratici pel coltivatore del baco da seta e confezionatore del seme.** Pubblicazione edita dal giornale la Seta . . . Milano, La Seta, 1884.

24 p. 25cm.

**Balbani, Édouard Gérard.** . . . Rapport sur les insectes utiles, par MM. Balbani et Maillot. Paris, Imprimerie nationale, 1881. Agr 4—3476

2 p. l., 56 p. 25cm.

At head of title: Ministère de l'agriculture et du commerce. Exposition universelle internationale de 1878 à Paris. [Rapports du jury international] Groupe VIII.—Classe, 83.



**Baleriola, Gabriel.** Cartilla par la propagación de la morera y cría del gusano de seda. Dedicada á los agricultores de España por Gabriel Baleriola. 1. ed. . . Murcia, Imp. de "Las provincias de Levante," 1897.

**Bárcena, Mariano.** La industria sericícola en el estado de Jalisco. Informe presentado al Sr. secretario de fomento por Mariano Bárcena . . . Mexico, Oficina tip. de la Secretaría de fomento, 1891.

Agr 4—194

40 p. 22 $\frac{1}{2}$ cm.

**Barham, Henry.** An essay upon the silk-worm: containing many improvements upon this curious subject; together with large collections from the most approved authors . . . By Henry Barham . . . London, Printed for J. Bettenham and T. Bickerton, 1719.

Agr 4—195

6 p. l., 180, [7] p. 17cm.

**Bavier, Ernest de.** La sériciculture, le commerce des soies et des graines et l'industrie de la soie au Japon, par Ernest de Bavier . . . Lyon, H. Georg; [etc, etc.] 1874.

viii, 157 p., 1 l. 5 fold pl., 2 fold. diagr., fold. map. 27 $\frac{1}{2}$ cm.

**Beaurepère, C. F.** Rapport fait au comité central d'agriculture de la Côte-d'Or, par M. Beaurepère . . . sur une éducation de vers à soie dirigée et suivie à Marsannay-la-Côte par MM. Beaurepère et Lapertot . . . [Dijon, Imp. de Simonnot-Carion, 1836]

Agr 4—3480

29 p. 22cm.

Caption title.

**Beauvais, Camille.** Lettre à M. Bonafous sur la culture du mûrier et l'éducation du ver à soie dans le Département de Seine-et-Oise, par M. Camille Beauvais . Paris, Mme. Huzard (née Vallat la Chapelle) 1833.

12 p. 22cm.

Extrait des Annales de l'agriculture française, 3 sér., tome XII, octobre, 1833.

**Beeton, Samuel Orchart.** Bees, silkworms. *See under* Apiculture, p. 94.

**Bellati, M.** Sur l'éclosion anticipée des œufs du ver-à-soie par le Prof. M. Bellati et le D<sup>r</sup> E. Quajat. (Résumé des auteurs) Turin, H. Loescher, 1896.

16 p. 23 $\frac{1}{2}$ cm.

Caption title.

Extrait des Archives italiennes de biologie. tome xxv, fasc. II.

[**Blain, F.**] Rapport sur une éducation en Anjou du ver du chêne ou Bombyx yama-mai, faite en 1863. [n. p., 1864?]

20 p. 3 pl. 25cm.

Caption title.

Signed: F. Blain.

**Blanchon, H. L. Alphonse.** . . Manuel pratique du sériculteur, par H.-L.-Alphonse Blanchon . . . Paris, C. Amat, 1905.

Agr 5—290

144 p. 18 $\frac{1}{2}$ cm.

**Blaquiere, Dora de.** The silk industry in Ireland and England. By Dora de Blaquiere . . . [Philadelphia? 188—]

4 p. 24cm.

Caption title.

**Bolle, Giovanni.** . . . Atti della Commissione per lo studio dei provvedimenti da prendersi per migliorare le condizioni del commercio dei bozzoli nel Goriziano, e relazione di G. Bolle. [Gorizia, Tip. Paternolli, 1886]

7 p. 25cm.

Caption title.

Estratto dagli "Atti e memorie" [dell' I. R. Società agraria di Gorizia]—n. 6, anno 1886.

**Bolle, Giovanni.** La bachicoltura nel Giappone, di Giovanni Bolle . . . con un' appendice dello stesso autore: Il giallume o il mal del grasso del baco da seta, una malattia parassitaria . . . Pubblicazione fatta per incarico dell' I. R. Ministero d' agricoltura. Gorizia, Stab. tip. G. Paternolli ed., 1898.

vi, 134 p., 1 l. illus., 19 pl. 24cm.

**Bolle, Giovanni.** Il commercio dei bozzoli nel Goriziano, suoi inconvenienti e mezzi eventuali per rimediarvi, di G. Bolle. [Gorizia, Tip. Paternolli, 1886?]

13 p. 23<sup>cm</sup>.

Caption title.

**Bolle, Giovanni.** . . . L'istruzione nella bachicoltura presso l' I. R. Istituto sperimentale di bachicoltura ed enologia in Gorizia, di G. Bolle. [Gorizia, Tip. Paternolli, 1888]

14 p. 23<sup>cm</sup>.

Caption title.

Estratto dagli "Atti e memorie" [dell' I. R. Società agraria di Gorizia] n. 8 del 1888.

"Versione italiana dell' eguale articolo pub. nel 2. fasc. della "Land- und forstwirthschaftliche unterrichtszeitung, jahrg. II 1888 . . ."

**Bolle, Giovanni.** Istruzione per l' allevamento razionale del baco da seta, di Giovanni Bolle . . . Gorizia, Tipografia G. Paternolli, 1882.

20 p. illus., 2 double tab. 26<sup>1</sup>/<sub>2</sub><sup>cm</sup>.

" Pubblicazione fatta per cura dell' I. R. Società agraria di Gorizia."

**Bolle, Giovanni.** . . . Kurze anleitung zur rationellen aufzucht der seiden-raupe, von Johann Bolle . . . 2. erweiterte aufl. Hrsg. vom Kön. Ung. Ministerium für ackerbau, handel und industrie. Budapest, Pester buchdruckerei-actien-gesellschaft, 1882.

Agr 4—3486-7

35 p. illus., 2 col. pl. 25<sup>1</sup>/<sub>2</sub><sup>cm</sup>.

At head of title: Deutsche ausgabe.

— — — 3. erweiterte aufl. Szegzárd, Gedruckt bei J. Báter, 1889. Agr 4—3486-7

34 p. illus. 25<sup>1</sup>/<sub>2</sub><sup>cm</sup>.

At head of title: Deutsche ausgabe.

**Bolle, Giovanni.** Der seidenbau in Japan, von Johann Bolle . . . Nebst einem anhang von demselben verfasser, Die gelb- oder fettsucht der seidenraupe, eine parasitäre krankheit . . . Veröffentlicht im auftrage des Kön. Ung. ackerbauministeriums. Budapest [etc.] A. Hartleben, 1898.

Agr 4—36

ix, 141 p. illus. 27<sup>cm</sup>.

**Bolle, Giovanni.** . . . Der seidenspinner des maulbeerbaumes, seine aufzucht, seine krankheiten und die mittel zu ihrer bekämpfung. Vortrag, gehalten den 7. december 1898 von Johann Bolle . . . Wien, Selbstverlag des Vereines zur verbreitung naturwissenschaftlicher kenntnisse, 1899.

Agr 3—889

39 p. illus., fold. pl. 19<sup>cm</sup>. (Vorträge des Vereines zur verbreitung naturwissenschaftlicher kenntnisse in Wien. xxxix. jahrg. hft. 4)

[**Bolle, Giovanni**] . . . Il sesto Congresso bacologico internazionale di Parigi. [Gorizia, Tip. Seitz, 1878]

12 p. 23<sup>cm</sup>.

Caption title.

Signed: G. Bolle.

Estratto dal periodico "Atti e memorie" dell' I. R. Società agraria di Gorizia, n. 12, del 1878.

**Bolle, Giovanni.** Der unterricht in der seidenzucht an der K. K. Versuchstation für seidenzucht und weinbau in Görz. Von Johann Bolle . . . Wien, Aus der Kaiserlich-königlichen hof- und staatsdruckerei, 1888.

Agr 4—3488

12 p. 26<sup>1</sup>/<sub>2</sub><sup>cm</sup>.

**Bonafous, Matthieu.** Mémoire sur une éducation de vers à soie, ou, journal d'une magnanerie, par Matthieu Bonafous . . . 3. éd. Paris, Madame Huzard; [etc., etc.] 1826.

Agr 4—3489

20 p. 23<sup>cm</sup>.

**Bonafous, Matthieu.** Traité de l'éducation des vers à soie et de la culture du mûrier, suivi de divers mémoires sur l'art séricole; par M. Matthieu Bonafous . . . 4. éd., rev. et augm. Paris, L. Bouchard-Huzard, 1840.

4—10188

viii p., 1 l., 547 p. v pl. (incl. col. front.) 21<sup>1</sup>/<sub>2</sub><sup>cm</sup>.

CONTENTS.—I. De l'éducation des vers à soie d'après la méthode du comte Dandolo.—II. Journal d'une éducation de vers à soie.—III. De l'emploi du chlorure de chaux pour purifier l'air des ateliers de vers à soie.—IV. Avis aux cultivateurs sur une espèce de ver à soie à trois récoltes.—V. De la cul-

ture du mûrier.—**VI.** Mémoire sur la feuille du mûrier greffé comparée à celle du mûrier sauvage relativement au ver à soie.—**VII.** Mémoire sur la culture du mûrier en taillis et sur l'introduction d'une nouvelle espèce de mûrier.—**VIII.** Des feuilles du *Maclura aurantiaca*, comme succédanées de celles du mûrier.—**IX.** De la greffe du mûrier blanc sur le mûrier des Philippines.—Lettres sur la culture du mûrier et l'éducation des vers à soie, adressées à M. Bonafous par divers agronomes: Lettre . . . par M. Camille Beauvais. Huit lettres . . . par M. Amans Carrier. Lettre . . . par M. le comte Villa de Montpascal.

**Boullenois, Frédéric de.** Conseils aux nouveaux éducateurs de vers à soie, résumé des méthodes et des pratiques à suivre pour planter des mûriers, construire des magnaneries, élever les vers à soie et filer les cocons; par M. Frédéric de Boullenois . . . Paris, M<sup>me</sup> V<sup>e</sup> Bouchard-Huzard, 1842. Agr 4—137-9

2 p. l., xi, 216 p. 3 pl. (2 fold.) 21<sup>cm</sup>.

— — — 2. éd. Paris, M<sup>me</sup> V<sup>e</sup> Bouchard-Huzard, 1851. Agr 4—137-9

viii, 224 p. illus., 2 fold. pl. 22<sup>cm</sup>.

— — — 3. éd. Paris, M<sup>me</sup> V<sup>e</sup> Bouchard-Huzard, 1875. Agr 4—137-9

2 p. l., 248 p. illus., 3 fold. pl. 22<sup>cm</sup>.

**Bourdon, Henri.** Industrie des soies. Rapport présenté à Monsieur le ministre des travaux publics, de l'agriculture et du commerce, par M. Henri Bourdon . . . suivi de considérations générales sur les diverses applications des procédés de ventilation, par M. d'Arcet . . . [Paris] Imprimé par ordre de M. le ministre du commerce, 1838. Agr 4—258

68 p. 23<sup>cm</sup>.

**Bourdon, Henri.** . . . Rapport sur l'état de l'industrie séricicole, dans le midi de la France, lu dans la séance du 25 janvier 1837; par M. Henri Bourdon . [Paris, Impr. de M<sup>me</sup> Huzard (née Vallat la Chapelle) 1837] Agr 4—3491

28 p. fold. plan. 22<sup>cm</sup>.

"Extrait des Mémoires de la Société royale et centrale d'agriculture, année 1837."

**Bourgnon de Layre, Antonin, baron.** . . . Rapport sur la situation de l'industrie séricicole dans le Département de la Vienne en 1840; fait à la Société, au nom d'une commission spéciale, par M. le baron Bourgnon de Layre . . . Poitiers, De l'imprimerie de F.-A. Saurin, 1840. Agr 4—3492

2 p. l., 62 p. 22½<sup>cm</sup>.

At head of title: Société d'agriculture, belles-lettres, sciences et arts de Poitiers, séances des 5 août et 18 novembre 1840.

**Boyer, François.** De la culture du mûrier, Par MM. F. Boyer . . . et G. de Labaume . . . Nîmes, Impr. C. Durand-Belle, 1845. Agr 4—302

150 p. 3 fold. pl. 21<sup>cm</sup>.

Cover has date: 1847.

**Brunet de la Grange.** . . . Rapport de M. Brunet de la Grange à M. le ministre de l'agriculture et du commerce. [Paris, Impr. de M<sup>me</sup> V<sup>e</sup> Bouchard-Huzard] 1841.

61 p. 24½<sup>cm</sup>.

Extrait des Annales de la Société séricicole.

**Butler, Edward Albert.** . . . Silkworms. By Edward A. Butler . . . London, S. Sonnenschein, Lowrey, & Co., 1888. Agr 4—3501

2 p. l., 100 p. illus. 18½<sup>cm</sup>. (Young collector series)

**Campbell, Walter Scott.** . . . Report on silk culture: its general history and productiveness; introduction and progress in various countries; together with its acclimatisation in Australia, and peculiar features in this colony. By Walter Scott Campbell, F. L. S. Sydney, C. Potter, government printer, 1893. Agr 4—260

2 p. l., 67 p. fold. pl. 24½<sup>cm</sup>.

At head of title: New South Wales.

**Campbell, Walter Scott.** . . . Sericulture. (Report by Mr. W. S. Campbell, F. L. S., on) Ordered by the Legislative assembly to be printed, 21 March, 1893. [Sydney, C. Potter, government printer, 1893] Agr 4—487

46 p. pl. 33½<sup>cm</sup>.

Caption title.

At head of title: 1892-3. Legislative assembly. New South Wales.

Also pub. under title: Report on silk culture.

**Caron, Quentin.** . . . Notice historique sur l'origine et les progrès de l'industrie séricicole, en Europe, et notamment en France, par M. l'abbé Caron. [n. p., 1840?] 18 p. 21<sup>cm</sup>. Agr 4—350

Caption title.

At head of title: Société royale d'agriculture et des arts de Seine-et-Oise.

**Chambon, Hipólito.** Tratado comparativo de sericultura adaptado á las condiciones climatológicas de la república Mexicana comprendiendo la historia de esa industria en Asia, Europa y América, por Hipólito Chambon. México, Oficina tip. de la Secretaría de fomento, 1888. Agr 4—262

85 p. 19<sup>cm</sup>.

**Chamecin.** Rapport de la Commission séricicole à l'Exposition universelle de Lyon. Projet d'une station séricicole à Lyon, par M. Chamecin . . . Lyon, Moniteur des soies, 1872. Agr 4—3506

12 p. 26<sup>cm</sup>.

Présentés au Congrès viticole et séricicole, tenu à Lyon, du 8 au 15 septembre 1872, sous les auspices de la Société des agriculteurs de France.

**Charrel, J.** Traité des magnaneries par J. Charrel . . . Paris, E. Marc-Aurel; [etc., etc.] 1848. Agr 4—263

xxiii, 110 p., 1 l., 187, [3] p. 13 pl. (1 fold. & col.) 24<sup>1/2</sup>cm.

**China—Inspector general of customs** . . . Silk. Published by order of the Inspector general of customs. Shanghai, Statistical department of the Inspectorate general, 1881. Agr 4—265

v, 163, [1] p. 34 pl. (33 col., 8 fold) map. 28<sup>cm</sup>. (China. Imperial maritime customs. II.—Special series: no. 3)

**Clugnet, Léon.** Géographie de la soie étude géographique et statistique sur la production et le commerce de la soie en cocon par Léon Clugnet . . . Mémoire couronné par la Société de géographie de Lyon. Lyon, Secrétariat de la Société de géographie, 1877.

x, 201 p. 25<sup>cm</sup>.

**Cobelli, Ruggero.** Altre contribuzioni alla teratologia del bombyce del gelso, per il Dr. Ruggero Cobelli . . . Rovereto, Stab. tip. V. Sottocchia, 1873.

11 p. 4 fold. pl. (1 col.) 20<sup>1/2</sup>cm.

Agr 4—3514

Estratto dal Giornale agrario di Rovereto, n. 21 & 22.—Anno 1873.

**Cobelli, Ruggero.** Teratologia del bombyce del gelso, per il Dr. Ruggero Cobelli . . . Rovereto, Dallo stab. tip. di V. Sottocchia, 1874. Agr 4—3515

21 p. pl. 23<sup>1/2</sup>cm.

Estratto dal Giornale agr. di Rovereto n. 10 & 11. Anno 1874.

**Como, Italy. R. Istituto tecnico e scuola di setificio.** Il R. Istituto tecnico e la scuola di setificio in Como. Como, Tipografia municipale di A. Giorgetti, 1878.

52, [7] p. 23<sup>cm</sup>.

Agr 4—3516

**Congrès séricicole international, de Milan, 1876.** Congrès séricicole international de Milan. [Compte-rendu] Montpellier, Imprimerie centrale du midi, Coulet, libraire-éditeur, 1876. Agr 4—303

60 p. 26<sup>1/2</sup>cm. (Station séricicole de Montpellier. E. Maillot, directeur. Mémoires et documents sur la sériciculture [1. sér., 2. fasc.])

**Congrès séricicole international, Rovereto, 1872.** . . . Du chauffage des magnaneries . . . Montpellier, Imprimerie centrale du midi, Coulet, libraire-éditeur, 1875. Agr 4—304

57 p. 26<sup>1/2</sup>cm. (Station séricicole de Montpellier. E. Maillot, directeur. Mémoires & documents sur la sériciculture [1. sér., 1. fasc.])

Extrait des Actes du Congrès séricicole international tenu en 1872 à Rovereto. (Atti e memorie, etc., Rovereto, 1873)

**Cornalia, Emilio.** . . . Expériences sur l'accouplement des papillons du bombyx du mûrier par Emilio Cornalia . . . Montpellier, Imprimerie centrale du midi, Coulet, libraire-éditeur, 1875. Agr 4—305

22, [2] p. 26<sup>1/2</sup>cm. (Station séricicole de Montpellier. E. Maillot, directeur. Mémoires et documents sur la sériciculture. [1 sér., 1 fasc.])

**Cornalia, Emilio.** Monografía del bombice del gelso (*Bombyx mori* Linneo) di Emilio Cornalia . . . [Milano, 1856]

387 p. xv pl. (partly fold., 1 col.) 32<sup>cm</sup>.

Caption title.

"Bibliografia:" p. 54-87.

From Mem. I. R. Instituto Lombardo, v. 6.

**Cotes, Everard Charles.** . . . Silk. Published under the authority of the government of India. Calcutta, Office of the superintendent of government printing, India, 1893.

Agr 4-3518

2 p. l., 9 p., 19 l. xix pl. 25<sup>cm</sup>. (Imperial institute series. Handbooks of commercial products, Indian section. no. 23)

**Cotes, Everard Charles.** . . . Silk worms in India. Published by authority of the government of India, Revenue and agricultural department, Calcutta.

Agr 4-3519

cover-title, 1 p. l., [129]-173 p. viii-xi pl. 25<sup>cm</sup>. (Indian museum notes. Issued by the trustees, vol. i, no 3)

**Dandolo, Vincenzo, conte.** L'art d'élever les vers à soie par M. le comte Dandolo . . . tr. de l'italien, rev. et augm. par F. Philibert Fontaneilles. 7. éd. avec plusieurs planches et le tableau synoptique d'une magnanerie modèle d'après le système de ventilation d'Arcet, appliqué à un local dont l'agencement se démonte à volonté de manière à ce que l'atelier puisse servir à tout autre usage avant et après l'éducation des vers à soie, par M. Brunet de la Grange . . . Paris, Magnin, Blanchard et c<sup>e</sup>, 1866.

Agr 4-269

384 p. ii fold. pl., 2 fold. tab. 22<sup>cm</sup>.

**Dandolo, Vincenzo, conte.** The art of rearing silk-worms. Tr. from the work of Count Dandolo. London, J. Murray, 1825.

Agr 5-145

xxiv, 365, [2] p. front., ii pl., 2 fold. tab. 20½<sup>cm</sup>.

Plates wanting.

**Darbousse, Antoine.** Sériciculture; guide de l'éducateur, par A. Darbousse . . . 2. éd. rev. . . . Alais, Impr., lithographie A. Brugueirolle, 1883.

Agr 4-3521

15 p. 19<sup>cm</sup>

**Darcet, Félix.** Description d'une magnanerie salubre, au moyen de laquelle on pourra toujours procurer aux vers à soie le degré de ventilation, de chaleur et d'humidité le plus convenable pour la réussite de leur éducation, et d'un appareil pour sécher les feuilles de mûrier mouillées ou humides, par M. d'Arcet . . . suivie d'un rapport de M. Soulange Bodin sur une éducation de vers à soie, faite en 1835, par M. Camille Beauvais . . . et d'un mémoire sur l'industrie de la production des soies, par M. Henri Bourdon. Paris, Madame Huzard (née Vallat la Chapelle), 1836.

Agr 4-257

48 p. 5 fold. pl. 26½<sup>cm</sup>.

**Darrah, H. Z.** The eri silk of Assam. By H. Z. Darrah . . . Shillong, Printed at the Assam secretariat press, 1890.

Agr 4-270

1 p. l., 40 p. 24½<sup>cm</sup>.

**Delprino, Michel.** La nouvelle sériciculture, enrichie de 20 planches démonstratives avec laquelle l'éducation des vers à soie a été changée en agréable passe-temps avec le gain du 15 p. % sur les systèmes en usage, par le chev. M. Delprino . . . Acqui, Typographie Borghi, 1867.

Agr 4-271

1 p. l., 66, [6], 67-80, 7, [4], p. 19 pl. (4 fold.) fold. tab. 21<sup>cm</sup>.

**Delprino, Michel.** Perte dans le produit de la soie par suite des défauts des système [!] usuels et appréciation des nouvelles méthodes cellulaires-isolatrices après 5 années d'espérances [!] démontrée par un rapport du gouvernement, par le chev. M. Delprino . . . Acqui, Typographie Borghi, 1867.

Agr 4-3526

32 p. 2 tab. (1 double, 1 fold.) 20½<sup>cm</sup>.

**Dickins, Thomas.** Silk supply: a guide to sericulture. By Thomas Dickins . . . London, Published by the Silk supply association, 1869.

Agr 5-146

35, [1] p. 21<sup>cm</sup>.

**Du Halde, Jean Baptiste.** Des soïeries et des vers à soie en Chine, par le P. J.-B. du Halde . . . Montpellier, C. Coulet, 1789.

Agr 4—3527

37, [1] p. 27½<sup>cm</sup>.

Extrait du tom. II de la Description géographique, historique, chronologique, politique et physique de la Chine et de la Tartarie chinoise . . . 1785.

**Dumas, J.** Rapport adressé à M. le préfet de la Drôme sur les expériences de sériciculture de M. Sauvageon . . par M. Dumas . . Valence, Impr. J. Céas, S<sup>r</sup> de M. Aurel, 1862.

10 p. 21½<sup>cm</sup>.

**Duplat, P.** Sériciculture, soies & soieries. Inventaire de 1873-76, par P. Duplat . . . Lyon, Moniteur des soies, 1874-77.

4 nos. in 1 v. 21½<sup>cm</sup>.

1875-76, have title: Inventaire de 1875-76, sériciculture, soies &amp; soieries.

**Dupuy de Lome, Enrique.** La seda, su cultivo y su producción en el imperio Japonés, por Don Enrique Dupuy de Lome. (Publicado por el Ministerio de fomento.) Madrid, Imprenta de T. Fortanet, 1875.

Agr 4—3528

51 p. 26½<sup>cm</sup>.

**Duseigneur-Kléber, Édouard.** . . . Le cocon de soie, histoire de ses transformations, description des races civilisées et rustiques, production et distribution géographiques, maladies des vers à soie, physiologie du cocon et du fil de soie . . . 2. éd. entièrement rev. et augm. de 8 planches et d'un texte considérable. Paris, J. Rothschild, 1875.

Agr 4—273

254 p., 1 l. front., xxvi pl., fold. map. 28<sup>cm</sup>.

At head of title: Duseigneur-Kléber.

**Dusuzeau, Jules.** Économie nouvelle dans l'élevage des vers à soie. Pratiques perfectionnées pour obtenir les cocons à bon marché . . par J. Dusuzeau . . . Lyon, H. Georg, 1881.

30 p., 2 l. 3 pl. 23<sup>cm</sup>.

**Edwardes, M.** . . Silkworms. A complete treatise on the mulberry-leaf and oak-leaf silkworms. By M. Edwardes. London, Dean & son [1898?]

62 p. illus. 18½<sup>cm</sup>. (Dean's practical guide books)

**France—Commission des soies.** Rapport de la Commission des soies sur ses opérations de l'année 1868. Membres de la Commission des soies MM. Pariset, président; Jourdan, Joannon, Fournet, Durand, Biérix, Billoud, Piaton (C.), Locard, Tabourin, Guinon, Sauzey, Charvériat, Perret, Paul Eymard, secrétaire-rapporteur. Lyon, Imprimerie administrative de Pitrat aîné, 1868.

Agr 4—278

2 p. l., 32 p., 1 l. 24½<sup>cm</sup>.

**France—Ministère de l'agriculture et du commerce.** . . . Rapports publiés par le Ministère de l'agriculture et du commerce, Direction de l'agriculture, 1870. De la sériciculture (inspection de 1869) Rapport de M. de Chavannes de la Giraudière. Conseils aux éducateurs, par M. de Chavannes de la Giraudière. Rapport de M. Guérin-Méneville. Le bombyx de l'ailante, par M. Guérin-Méneville. L'ailanticulture, par M. Guérin-Méneville. Instruction sur l'emploi du microscope, par M. de Lachadenède. Paris, V. Masson et fils [1870]

Agr 4—279

2 p. l., 146 p. 26<sup>cm</sup>.

**Franceschini, Felice.** . . . Guida pratica del coltivatore di bachi da seta. 2. ed. Milano, Ditta Brigola di G. Ottino e c., 1883.

Agr 4—3535

2 p. l., 137, [2] p. illus. 18½<sup>cm</sup>.

**Franceschini, Felice.** Sulla conservazione del seme, memoria presentata al comitato ordinatore del Congresso bacologico internazionale in Milano il giorno 8 settembre 1876 da Felice Franceschini. [Milano] Coi tipi di G. Bernardoni [1876?]

8 p. 23½<sup>cm</sup>.

«Estratto degli Atti e memorie della quinta tornata del Congresso bacologico internazionale.»

**Galfard, Marius.** Petit traité sur le ver à soie du mûrier, son éducation et ses diverses maladies, par Marius Galfard . . . Manosque, Impr. Demontoy, 1885.

28 p., 2 l. 15<sup>cm</sup>.

Agr 4—3537

**Gennadius, P. G.** Instructions to the silk-worm rearers and silk-worm-egg producers of Cyprus. *Οδηγίαὶ διὰ τοὺς βομβυκοτροφούς καὶ σποροπαραγωγούς τῆς Κύπρου, ὑπὸ Π. Γ. Γενναδίου, διευθυντοῦ τῆς γεωργίας. ἐν Λευκωσίᾳ, τυποίς "Φωνῆς τῆς Κύπρου,"* 1898.

1 p. l., 71, [1] p., 1 l. 23<sup>cm</sup>.

**Geoghegan, J.** Silk in India. Some account of silk in India, especially of the various attempts to encourage and extend sericulture in that country. Comp. by J. Geoghegan . . . Calcutta, Office of the superintendent of government printing, 1872.

Agr 4—280-1

1 p. l., vi, ix, 126, 15 p. 33<sup>cm</sup>.

— 2d ed. Calcutta, Office of the superintendent of government printing, 1880.

Agr 4—280-1

xxiii, 177 p. 24<sup>1</sup>/<sub>2</sub><sup>cm</sup>.

**Girard, Maurice.** Les auxiliaires du ver à soie; conférence faite au Jardin d'acclimatation le 16 juillet 1863, par M. Maurice Girard . . . Paris, J. B. Baillière et fils; [etc., etc.] 1864.

30 p. 24<sup>cm</sup>.

"Index des documents à consulter": p. [27]-30.

"Extrait du Bulletin de la Société impériale d'acclimatation. (N<sup>o</sup> d'avril, mai, juin et juillet 1864)"

**Givelet, Henri.** L'ailante et son bombyx; culture de l'ailante, éducation du ver que cet arbre nourrit, valeur et emploi de la soie qu'on en tire, par Henri Givelet. Ouvrage orné de plusieurs plans et de 14 planches coloriées, dessinées d'après nature par Ch. Millon de Montherlant. Paris, Librairie agricole de la Maison rustique [1866]

4—10169

xxv, 164 p. xix pl. (partly col.) 25<sup>cm</sup>.

**Gobin, Alphonse.** Précis élémentaire de sériciculture pratique. Mûriers & vers à soie, production, industrie, commerce de la soie, par A Gobin . . . Paris, Librairie Audot, Niclaus et c<sup>ie</sup> successeurs, 1874.

Agr 4—282

2 p. l., 269 p. illus. 18<sup>cm</sup>.

**Göritz, Austria. I. R. Istituto sperimentale di bachicoltura ed enologia.** I' I. R. Istituto sperimentale di bachicoltura ed enologia di Gorizia. [Gorizia, Tip. Paternolli, 1881]

15, [1] p. 24<sup>cm</sup>.

Caption title.

"Elenco delle pubblicazioni dell' I. R. Istituto . . ." p. [10]-15.

**Göritz, Austria. I. R. Istituto sperimentale di bachicoltura ed enologia.** Tariffa degli esami microscopici e delle analisi chimiche che si eseguono all' I. R. Istituto sperimentale di bachicoltura ed enologia in Gorizia. Gorizia, Tipografia Paternolli, 1888.

24 p. 23<sup>cm</sup>.

"Estratto dal n. 1-2 degli "Atti e memorie" dell' I. R. Società agraria di Gorizia."

**Guérin-Ménéville, Félix Édouard.** . . . Association séricicole pour la fondation, à la ferme impériale de Vincennes (annexe), d'un laboratoire central de sériciculture comparée des sociétés agricoles de France et de l'étranger; établissement où seront instituées des expériences théoriques et pratiques sur toutes les espèces de vers à soie . . . par M. F. E. Guérin-Ménéville. Paris, Bureau de la Revue de sériciculture comparée et de la Revue et magasin de zoologie, 1863.

Agr 4—3543

15, [1] p. 22<sup>1</sup>/<sub>2</sub><sup>cm</sup>.

"Extrait de la Revue de sériciculture comparée. 1. cahier.—janvier 1863."

**Guérin-Ménéville, Félix Édouard.** Essai sur les lépidoptères du genre Bombyx qui donnent ou qui donneront de la soie . . . Paris, 1847.

Agr 4—3544

1 p. l., [447]-482 col. 24<sup>cm</sup>.

Extrait de l'Encyclopédie moderne, t. vi, col. 448 à 482.

**Guérin-Ménéville, Félix Édouard.** Industrie séricicole. Compte-rendu général des travaux exécutés à la magnanerie expérimentale de S<sup>te</sup>-Tulle (Basses-Alpes), par MM. Guérin-Ménéville et Eugène Robert . . . [Marseille, Typ. et lith. Barlatier-Feissat et Demonchy, 1853]

Agr 4—3545

36 p. 23<sup>cm</sup>.

Caption title.

Lu à l'Académie des sciences dans les séances du 24 octobre et du 7 novembre 1853.

**Guérin-Ménéville, Félix Édouard.** Production de la soie. Situation. Maladies et amélioration des races du ver à soie . . . Paris, 1857.

32 p. 21<sup>cm</sup>.

"Extrait de la Revue et magasin de zoologie, XIX. année, n° 1.—1857."

**Guérin-Ménéville, Félix Édouard.** Rapport à S. M. l'empereur sur les travaux entrepris par ses ordres pour introduire le ver à soie de l'aylanthe en France et en Algérie, par F. E. Guérin-Ménéville . . . Paris, Imprimé par autorisation de M. le garde des sceaux à l'Imprimerie impériale, 1860.

Agr 4—285

2 p. l., 99, [1] p. 24<sup>cm</sup>.

**Guérin-Ménéville, Félix Édouard.** . . . Recherches sur les vers à soie sauvages et domestiques . . . 2. article. Introduction et acclimatation en Europe du Bombyx cynthia. [Paris, 1854]

16 p. fold. pl. 21<sup>cm</sup>.

Extrait du Bulletin de la Société zoologique d'acclimatation. no. 7. Septembre 1854.

**Guérin-Ménéville, Félix Édouard.** Sur l'industrie de la soie en Algérie et sur le ver à soie du vernis du Japon introduit en France et en Algérie, par M. Guérin-Ménéville. Communication faite à la Société impériale zoologique d'acclimatation (Comité de l'Algérie) présidée par M. Géry, préfet d'Alger. Extrait du procès-verbal de la séance du 10 septembre 1859 par M. Roucher . . . [Paris, 1859]

8 p. 20<sup>cm</sup>.

Caption title.

**Hauterive, H.** Étude comparative des systèmes d'étouffage et de conservation des cocons . . . Lyon, 1890.

Agr 4—3549

31, [1] p. illus. 21<sup>cm</sup>.

Extrait du Moniteur des soies.

**Hedde, Isidore.** Répertoire sértechnique et éphémérides de la production de la soie tant de la Chine et du Japon que des autres pays sérifères, de Lyon surtout, par Isidore Hedde. Lyon, Le moniteur des soies, 1880.

Agr 4—307

141, [1] p. illus. 22<sup>cm</sup>.

**Heintl, Franz, ritter edler von.** Anleitung den seidenbau im freyen zu betreiben, und mit der üblichen seidenraupen-zucht im zimmer in eine sehr nützliche verbindung zu bringen. Von dem k. k. hof- und gerichtsadvakaten, der sämtlichen rechte doktor Franz ritter edlen von Heintl. Wien, Auf kosten des verfassers, 1815.

109 p. 20<sup>cm</sup>.

Agr 4—286

**Heintl, Franz, ritter edler von.** Unterricht im seidenbaue. Von Franz ritter von Heintl . . . Wien, Auf kosten des verfassers, 1829.

Agr 4—308

3 p. l., 163 p. 20<sup>cm</sup>.

**Herbelin, Jules.** De l'élevage des vers à soie. [n. p., n. d.]

17 p. 22<sup>cm</sup>.

**Historique et situation de la sériciculture et de la filature dans le royaume de Hongrie en 1900.** [Lyon, Paris, Imp. B. Arnaud, 1900?]

16 p. illus. incl. plan. 21<sup>cm</sup>.

Caption title.

Published for Exposition universelle de Paris 1900.

**[Hodgson, G. C.]** Report on the sericultural experiments carried on at Alipore by the Silk committee since the year 1891-92. [Calcutta? 1895]

cover-title, 10 p. 24<sup>cm</sup>.

Report signed by G. C. Hodgson, Secretary, Silk committee.



**India—Bengal—Agricultural dept.** Note on some questions connected with silk production and trade in Bengal. [n. p., 1887]

51 p. 29 $\frac{1}{2}$ cm.

Caption title.

Wanting apx. C, p. 27-36; apx. E, p. 41-50.

**India—Central Provinces—Chief commissioner.** . . . Silk. <Dictionary of economic products, vol. VI, pt. III. (Tasar silk), S. 1872-82> Tasar silk production in the Central Provinces. Resolution issued by the Chief commissioner in 1892 . . . Calcutta, 1893.

3 p. 24 $\frac{1}{2}$ cm. (The agricultural ledger. 1893—no. 9. Entomological series, no. 2)

**Indian museum, Calcutta.** List of the silk-producing lepidopterous insects recorded from the province of Assam. [Calcutta, Government of India central printing office, 1887]

2 p. 30cm.

— — reported from Bengal. [Calcutta, Government of India central printing office, 1887]

2 p. 30cm.

— — recorded from the presidency of Bombay. [Calcutta, Government of India central printing office, 1887]

1 l. 30cm.

— — recorded from British Burmah. [Calcutta, Government of India central printing office, 1887]

1 l. 30cm.

— — recorded from the Madras presidency. [Calcutta, Government of India central printing office, 1887]

1 l. 30cm.

— — recorded from the North-western Provinces and Oudh. [Calcutta, Government of India central printing office, 1887]

2 p. 30cm.

— — recorded from the Punjab. [Calcutta, Government of India central printing office, 1887]

1 l. 30cm.

**L'industrie séricicole en Annam d'après les rapports de MM. les résidents de France au Phu-yen et à Qui-nhon en Annam** . . Hanoi, 1899.

1 p. l., 13, [1] p. 29cm.

Extrait de la Revue indo-chinoise.

**Italy—Ministero d' agricoltura, industria e commercio.** Statistica del regno d' Italia. Industria manifattrice. Trattura della seta nell' anno 1863-[64] (Ministero d' agricoltura, industria e commercio) Torino, Tipografia di E. Dalmazzo, 1864-65.

2 nos. 25 $\frac{1}{2}$ cm.

Imprint of 1864: Firenze, Tipografia Tofani, 1865.

**Jacob de Cordemoy, Hubert.** Les soies dans l'extrême orient et dans les colonies françaises; les vers à soie et leurs similaires, par le Dr. Hubert Jacob de Cordemoy . . . Paris, A. Challamel, 1902.

2 p. l., 111, [1] p. col. front. 25 $\frac{1}{2}$ cm. (Produits naturels des colonies et cultures tropicales) 2-25382

**Julien, Stanislas Aignan, tr.** Résumé des principaux traités chinois sur la culture des mûriers et l'éducation des vers à soie, tr. par Stanislas Julien . . . Publié par ordre du ministre des travaux publics, de l'agriculture et du commerce. Paris, Imprimerie royale, 1837.

xxii p., 3 l., 224 p. 10 pl. 29 $\frac{1}{2}$ cm.

Agr 4-309

**Julien, Stanislas Aignan, tr.** Summary of the principal Chinese treatises upon the culture of the mulberry and the rearing of silk worms. Tr. from the Chinese. Washington, P. Force, 1838. Agr 4—310

2 p. l., 198 p. 10 pl. 23½<sup>cm</sup>.

"This 'Summary' was first translated from the Chinese by Stanislas Julien . . . and printed at the Royal press, in Paris, by order of the minister of public works, agriculture, and commerce. The French copy, from which this translation was made, was transmitted from Paris to the secretary of state, and by his recommendation has been translated and published here. Washington, February, 1838."—Note by the publisher.

**Kaufmann, Ernst.** Progrès de la sériciculture, régénération des vers à soie, moyens pour reconnaître la graine falsifiée. Rapport à son excellence Monsieur le ministre de l'agriculture, du commerce et des travaux publics par Ernst Kaufmann . . . Paris, V. Masson; [etc., etc.] 1860. Agr 4—311

4 p. l., 100 p. 23½<sup>cm</sup>.

**Kohl, Friedrich.** Geschichte der Jacquard-maschine und der sich ihr anschliessenden abänderungen und verbesserungen nebst der biographie Jacquard's. Von Professor Friedrich Kohl . . . Eine von dem Verein zur beförderung des gewerbfleisses in Preussen gekrönte preisschrift. Beilage zum 51. jahrgange der Vereins-Verhandlungen (1872) . Berlin, Nicolaische verlags-buchhandlung (A. Effert & L. Lindtner) 1872. Agr 4—312

3 p. l., 197, [1] p. front. (port.) illus., xvi fold. pl. 28½<sup>cm</sup>.

**Laffemas, Barthélemy de.** . . . La façon de faire et semer la graine de meuriers, les élever en pépinières et les replanter aux champs, gouverner et nourrir les vers à soie au climat de la France plus facilement que par les mémoires de tous ceux qui en ont escript, fait par Barthelemy de Laffemas . . . Nouvelle éd. rev. sur celle de Pierre Pautonnier; Paris, 1604. Montpellier, C. Coulet, 1877. Agr 4—313

29 p. 26½<sup>cm</sup>. (Station séricicole de Montpellier. E. Maillot, directeur. Mémoires et documents sur la sériciculture [1. sér., 2. fasc.])

**[Laleu, G. O. de.]** . . . Expériences sur une éducation du ver à soie de l'ailante au jardin de l'Exposition. Rapport au Comité d'action, 1861. Nantes, Impr. M. Bourgeois, 1861.

30 p. 21<sup>cm</sup>.

At head of title: Exposition de Nantes.

**Lamare-Picquot, F. V.** De la régénération des races de vers à soie, et de l'introduction de nouvelles plantes alimentaires, par Lamarepicquot . . . Saint-Germain-en-Laye, Impr. Beau [1854] Agr 4—3563

cover-title, 7 p. 24<sup>cm</sup>.

Mémoire lu à l'Académie des sciences.

Extrait des Annales de la colonisation algérienne, livraison d'avril 1854.

**Lambert, F.** Étude sur l'espacement qu'il convient de donner aux vers à soie et sur l'action nuisible de l'entassement . . . [Montpellier, 1897]

24 p. 27<sup>cm</sup>.

Caption title.

Extrait Annales de l'École nationale d'agriculture de Montpellier.

**Lambert, F.** . . . Influence d'une faible diminution de la chaleur pendant les derniers jours de l'élevage sur les cocons du ver à soie du mûrier . . . Montpellier, 1899.

17 p., 11. 27<sup>cm</sup>. (Station séricicole de Montpellier. F. Lambert, directeur. Mémoires et documents sur la sériciculture)

Extrait des Annales de l'École nationale d'agriculture de Montpellier.

**Lambert, F.** Influence de l'eau sur le développement des vers à soie et sur le poids des cocons, par F. Lambert . . . [Paris, Typ. P. Renouard, 190-?] ]

10 p. 22<sup>cm</sup>.

Caption title.

**Laurent de l'Arbousset, A.** . . . Les Cévennes séricoles autrefois, aujourd'hui, prix de revient d'un kilogramme de cocons aux deux époques, comment s'achètent les cocons, comment se vendent les soies, des diverses marques et de la différence de prix qui existe entre elles, comment atténuer ces différences, l'avenir de la sériculture aux Cévennes. Lyon, Le moniteur des soies, 1875. Agr 4—314  
2 p. l., 85, [2] p. 21 $\frac{1}{2}$ cm.

**Leclerc, Louis.** Écoliers et vers à soie, ou La petite magnanerie du père Tous-saint; par Louis Leclerc . . . Paris, M<sup>me</sup> V<sup>e</sup> Bouchard-Huzard, 1850. Agr 4—315  
2 p. l., 272 p. illus. 18cm.  
Advertisements: p. [267]–272.

**Lepori, Auguste.** Indications pratiques sur l'élevage des vers-à-soie par le chev. Dr. Auguste Lepori . . . Florence, Impr. de la Pia casa di Patronato pei Minorenni, 1886. Agr 4—3564  
cover-title, 18 p. 22cm.

**Liotard, L.** Memorandum on silk in India. By L. Liotard . . . Calcutta, Printed by the superintendent of government printing, 1883.  
pt. 1. 33cm.

**Lopez Peñafiel, Emiliano.** Cartilla para la crianza y ahogado del gusano de la seda, por Don Emiliano Lopez Peñafiel . . . [Murcia] Tip. de el Correo de Levante, 1902. Agr 3—417  
23 p. 15cm.

**Luppi, G.** Dictionnaire de séricologie, comprenant l'art de produire la soie et de l'appréter, synonymie en cinq langues, texte en français par le docteur G. Luppi . . . Lyon, C. Méra [1872?] Agr 4—3567  
xvi, [2], 506 p. 18 $\frac{1}{4}$ cm.

**Lyon, France. Chambre de commerce.** Exposition collective de soies et de soieries, organisée par la Chambre de commerce de Lyon. Catalogue des exposants. Lyon, Impr. Pitrat aîné, 1889.  
91 p. 17 $\frac{1}{2}$ cm.  
At head of title: Exposition universelle de 1889 à Paris.

**Lyon, France. Chambre de commerce.** . . . Notice sur le Laboratoire d'études de la soie, travaux, collections, documents.  
2 p. l., 53, [5] p. xx (i. e. 21 pl., 1 fold.) 28cm.  
Descriptions printed on back of plates.

**Lyon, Société d'agriculture, sciences et industrie de.** . . . Rapport de la commission des soies sur ses opérations de l'année 1885, par M. J. Dusuzeau, secrétaire, suivi du compte rendu des opérations de la condition des soies de Lyon pendant l'année 1885 . . . Lyon, Impr. Pitrat aîné, 1886.  
20, 19, [1] p. incl. tables. 2 fold. diagr. 26 $\frac{1}{2}$ cm.  
At head of title: Société d'agriculture, histoire naturelle et arts utiles de Lyon.

**McCulloch, R. W.** . . . Sericulture; or, Silkworms and how to rear them. By R. W. McCulloch . . . Brisbane, J. C. Beal, government printer, 1893. Agr 2—129  
1 p. l., [63]–85 p. illus., xix pl. (2 fold.) 22cm. (Queensland. Dept. of agriculture, Brisbane. Bulletin no. 23. March, 1893)  
Paged continuously with Bulletins 19 and 22.

**Maillot, Eugène.** . . . Congrès séricicole international de Montpellier. Montpellier, Imprimerie centrale du midi, Coulet, libraire-éditeur, 1874. Agr 4—318  
10 p. 26 $\frac{1}{2}$ cm. (Station séricicole de Montpellier. E. Maillot, directeur. Mémoires et documents sur la sériciculture. [1. sér., 1. fasc.])

**Maillot, Eugène.** . . . Les congrès séricicoles internationaux. Montpellier, Imprimerie centrale du midi, Ricateau, Hamelin et c<sup>e</sup>, 1874. Agr 4—317  
31 p. 26 $\frac{1}{2}$ cm. (Station séricicole de Montpellier. Mémoires et documents sur la sériciculture [1. sér., 1. fasc.]

**Maillot, Eugène.** . . . De l'art d'élever les vers à soie. Montpellier, Imprimerie centrale du midi, Coulet, libraire-éditeur, 1876. Agr 4—319

34 p. 26 $\frac{1}{2}$ cm. (Station séricicole de Montpellier. E. Maillot, directeur. Mémoires & documents sur la sériciculture [1. sér., 2. fasc.])

**Maillot, Eugène.** . . . De l'éclosion des graines de vers à soie par le frottement, l'électricité et l'hivernation artificielle. Revue des travaux les plus récents, par E. Maillot. Montpellier, Imprimerie centrale du midi, Coulet, libraire-éditeur, 1876. Agr 4—320

23 p. 26 $\frac{1}{2}$ cm. (Station séricicole de Montpellier. E. Maillot, directeur. Mémoires et documents sur la sériciculture [1. sér., 2. fasc.])

**Maillot, Eugène.** . . . De la production des graines de vers à soie. Montpellier, Imprimerie centrale du midi, Coulet, libraire-éditeur, 1875. Agr 4—321

22, [2] p. 26 $\frac{1}{2}$ cm. (Station séricicole de Montpellier. E. Maillot, directeur. Mémoires & documents sur la sériciculture [1. sér., 1. fasc.])

**Maillot, Eugène.** Leçons sur le ver à soie du mûrier par M. Eugène Maillot . . . Montpellier, C. Coulet; [etc., etc.] 1885. Agr 4—3569

viii, [5]—273 p. illus., 3 pl. 23 $\frac{1}{2}$ cm.

**Maillot, Eugène.** . . . Méthodes de sélection pour la confection des graines de vers à soie. Revue des travaux les plus récents, par E. Maillot. Montpellier, Imprimerie centrale du midi, Coulet, libraire-éditeur, 1876. Agr 4—322

23 p. 26 $\frac{1}{2}$ cm. (Station séricicole de Montpellier. E. Maillot, directeur. Mémoires et documents sur la sériciculture [1. sér., 2. fasc.])

**Maillot, Eugène.** . . . Nouvelles races de vers à soie du mûrier. Rapport adressé à la Chambre de commerce de Lyon . . . Montpellier, C. Boehm, 1889. Agr 4—323

55 p. col. pl. 27cm. (Station séricicole de Montpellier. E. Maillot, directeur. Mémoires et documents sur la sériciculture)

Extrait des Annales de l'École nationale d'agriculture de Montpellier.

**Maillot, Eugène.** . . . Le système Pasteur et ses résultats, par E. Maillot. Montpellier, Imprimerie centrale du midi, Coulet, libraire-éditeur, 1876. Agr 4—324

18 p. 26 $\frac{1}{2}$ cm. (Station séricicole de Montpellier. E. Maillot, directeur. Mémoires et documents sur la sériciculture [1. sér., 2. fasc.])

**Maillot, Eugène.** Traité sur le ver à soie du mûrier et sur le mûrier, par E. Maillot . . . [et] F. Lambert . . . Montpellier, Coulet et fils, 1906 [pub. 1905] ix, [5]—622 p. illus., III pl. (incl. front.) 23cm.

**Malpighi, Marcello.** La structure du ver a soye, et de la formation du poulet dans l'œuf. Contenant deux dissertations de Malpighi. . . . Addressées en forme de lettre à l'Académie royale d'Angleterre, établie à Londres, pour l'accroissement de la physique, mises en français par \* \* \* docteur en médecine. Paris, M. Villery, 1686. Agr 4—325

2 p. l., 384 p. 5 pl. 16 $\frac{1}{2}$ cm.

**Malpighi, Marcello.** . . . Traité du ver à soie, par Malpighi; texte original et planches, avec une traduction et des notes en français, par E. Maillot . . . Montpellier, C. Coulet, 1878.

xvi, [2], [19]—154 p. XII pl. 35 $\frac{1}{2}$ cm. (Station séricicole de Montpellier. Mémoires et documents sur la sériciculture)

**Manuel, R. A.** The silks of British Burma, by Mr. R. A. Manuel . . . [n. p., 18—]

14 p. 22cm.

**Masquard, Eugène de.** Le Congrès séricicole international de Montpellier et les doctrines de ses principaux membres . . . [Lyon, Imp. L. Bourgeon, 1874]

24 p. 21 $\frac{1}{2}$ cm.

Caption title.

**Masquard, Eugène de.** . . . De l'éducation rationnelle des vers à soie et de la décentralisation de la sériciculture en France, par M. Eugène de Masquard . . . Lyon, Impr. d'A. Vingtrinier, 1869. Agr 4—3570

20 p. 23<sup>cm</sup>.

At head of title: Congrès agricole de Lyon, séance du 24 avril 1869.

**Mercolini, Luigi.** Guardate il baco. Precetti di bachicoltura razionale compilati dal Cav. Prof. Luigi Mercolini. Ed. ordinata dallo studio commissionario di Cremona . . . Guida teorico-pratica . . . Cremona, Tipografia Groppi, 1883. Agr 4—326  
4 p. l., 102 p., 1 l. 22<sup>cm</sup>.

**Millet, P. A.** Notice sur les quatre éducations de vers à soie faites en 1839 dans le Département de la Vienne, par MM. Millet et Robinet, et Madame Millet. Paris, Impr. de L. Bouchard-Huzard, 1840? Agr 4—3573

32 p. pl. 22<sup>cm</sup>.

**Milne-Edwards, Henri.** . . . Rapport sur diverses questions relatives à la sériciculture, présenté au nom d'une commission spéciale par M. Milne-Edwards. [Paris, Impr. de M<sup>me</sup> V<sup>e</sup> Bouchard-Huzard, n. d.]

8 p. 23<sup>cm</sup>.

Caption title.

At head of title: Société nationale et centrale d'agriculture.

**Montpellier. Station séricicole de Montpellier.** Mémoires et documents sur la sériciculture. Montpellier, Imprimerie centrale du midi, Coulet, libraire-éditeur, 1875.

sér. 1, fasc. [1]—2. 26<sup>cm</sup>.

CONTENTS.—1. sér., [1. fasc.] I. Les congrès séricicoles internationaux; compte-rendu sommaire, par E. Maillot. II. Recherches sur la gattine et la flacherie, par Verson et Vlacovich. III. Congrès séricicole international de Montpellier; compte-rendu sommaire, par E. Maillot. IV. De la production des graines de vers à soie (sujet de la 1<sup>e</sup> série de conférences faites en 1874—75), par E. Maillot. V. Du chauffage des magnaneries (extrait des actes du Congrès de Rovereto) VI. Expériences sur l'accouplement des papillons du bombyx du mûrier, par E. Cornalia. VII. De la soie en Europe, par Pinchetti, Mattiuzzi et Nessi.—1. sér., 2. fasc. VIII. De l'art d'élever les vers à soie (sujet de la 2<sup>e</sup> série de conférences faites en 1875), par E. Maillot. IX. Méthodes de sélection (Revue des travaux récents), par E. Maillot. X. Éclosion des graines par le frottement, l'électricité et l'hivernation artificielle (Revue des travaux récents), par E. Maillot. XI. Le système Pasteur et ses résultats, par E. Maillot. XII. Congrès séricicole international de Milan; compte rendu. XIII. La façon de faire et semer la graine de meuriers, gouverner et nourrir les vers à soie, par Barthélemy de Lafemas. XIV. Essai historique sur l'industrie de la soie en France, au temps de Henri IV, par A. Poirson.

**Morikouni, Ouëkaki.** Il modo di allevare i bachi da seta al Giappone, opera dal testo giapponese di Ouëkaka Morikouni, tr. nuovamente in francese da Mermet de Cachon . . . e dal francese volta in italiano con analoghe osservazioni da Isidoro dell' Oro e pubblicata per cura della Società agraria di Lombardia, aggiunto un trattatello sulla coltivazione del yama-mai o baco della quercia. Milano, Tipografia del Pio istituto di patronato, 1865. Agr 5—175

xii, 48 p. 23<sup>cm</sup>.

**Murcia (Spain), Estacion sericícola de.** . . . Experiencias realizadas durante la campaña sedera de 1902. [Murcia] Tip. Las provincias de levante, 1902.

2 nos. fold. tab. 14<sup>cm</sup>. (Ministerio de agricultura, industria, comercio y obras públicas. Dirección general de agricultura, industria y comercio)

CONTENTS.—Cría de gusanos al sol.—Semillas que se emplean en esta huerta.

**Nenci, Tito.** . . . I bachi da seta. 3. ed. con note e aggiunte di Francesco Nenci . . . Milano, U. Hoepli, 1900.

[v]—x p., 1 l., 300 p. front. (port.) illus., 2 pl. 15<sup>cm</sup>. (Manuali Hoepli)

At head of title: Tito Nenci.

**Núñez Ortega, A.** Apuntes históricos sobre el cultivo de la seda en México, reunidos por A. Núñez Ortega . . . Bruselas, G. Mayolez, 1883. Agr 4—328

69 p. 29<sup>cm</sup>.

**Peligot, Eugène Melchior.** Études chimiques et physiologiques sur les vers à soie, par M. Eug. Peligot . . . Paris, Impr. de Madame veuve Bouchard-Huzard, 1853. Agr 4—3582

cover-title, 43 p. 21<sup>4</sup>cm.

At head of caption title: Société nationale et centrale d'agriculture.

**Perret, Adrien.** Monographie de la condition des soies de Lyon par M. Adrien Perret . . . Publié par ordre de la Chambre de commerce de Lyon. Lyon, Impr. Pitrat aîné, 1878. Agr 4—417

vi, 353 p. 27cm.

**Personnat, Camille.** Le ver à soie du chêne (*Bombyx yama-mai*) son histoire—sa description—ses mœurs—son éducation—ses produits. Ouvrage couronné par la Société impériale d'acclimatation, encouragé par LL. EE. le ministre de l'instruction publique et le ministre de l'agriculture, du commerce et des travaux publics . . . par Camille Personnat. 4. éd., rev. et augm. Paris, Librairie agricole de la maison rustique, 1868. Agr 4—330

2 p. l., viii, 132 p. illus., 3 col. pl. 22<sup>4</sup>cm.

**Pestalozza, Alexandre.** Les vers-à-soie du Japon. Mémoire du Prof. Alexandre Pestalozza, tr. de l'italien sur la 2. éd. et avec approbation de l'auteur par Henri Louis. Milan, Impr. de J. Agnelli, 1865.

viii, 80 p. 21cm.

**Pinchetti, P.** . . . La soie en Europe, historique sommaire de sa production et de ses manufactures, jusqu'en 1873. Extrait du rapport de P. Pinchetti, F. Mattiuzzi, J.-B. Nessi sur les soies et soieries à l'Exposition universelle de Vienne (tr. de l'italien par E. Maillot) Montpellier, Imprimerie centrale du Midi, Coulet, libraire-éditeur, 1875. Agr 4—332

v, [7]—50, [2] p. 26<sup>4</sup>cm. (Station séricicole de Montpellier. Mémoires et documents sur la sériciculture. [1. sér., 1. fasc.] )

**Poirson, Auguste Simon Jean Chrysostome.** . . . Essai historique sur l'industrie de la soie en France au temps de Henri IV, par Auguste Poirson . . . Montpellier, C. Coulet, 1877. Agr 4—333

60 p. 26<sup>4</sup>cm. (Station séricicole de Montpellier. E. Maillot, directeur. Mémoires et documents sur la sériciculture. [1. sér., 2. fasc.] )

Extrait de l'Histoire du règne de Henri IV. 3<sup>e</sup> édit., liv. VII, chap. v.—Paris, Didier et c<sup>o</sup>, 1866.

**[Porter, George Richardson]** A treatise on the origin, progressive improvement, and present state of the silk manufacture. London, Longman, Rees, Orme, Brown, and Green; [etc.] 1831. Agr 5—227

2 p. l., xv, 339, [1] p. illus. 16<sup>4</sup>cm. (*Half-title:* The cabinet cyclopædia)

Work has 3 title-pages; 1st has at head of title: The cabinet cyclopædia. Conducted by the Rev. Dionysius Lardner . . . Useful arts; 2d has at head of title: The catalogue of useful arts. Conducted by the Rev. Dionysius Lardner . . . 3d is engraved and has no series note.

**Preobrazhenskii, Petr M.** Историческій обзор развитія шелководства въ Москвѣ и югозападныхъ отъ нея губерніяхъ и дѣйствій Комитета шелководства съ 1847 года апрѣля 7 и по 7 апрѣля 1872 годъ. П. М. Преображенскаго . . . Москва, Въ Университетской типографіи (Катковъ и ко.) 1872. Agr 4—492

2 v. in 1. front. (port.) 23cm.

Historical sketch of progress of sericulture in Moscow and southwestern provinces and proceedings of the Committee on sericulture from April 7, 1847, to April 7, 1872 . . .

**Pullein, Samuel.** The culture of silk, or, An essay on its rational practice and improvement. In four parts. i. On the raising and planting of mulberry trees. ii. On hatching and rearing the silk-worms. iii. On obtaining their silk, and breed. iv. On reeling their silk-pods. For the use of the American colonies. By the Rev. Samuel Pullein . . . London, Printed for A. Millar, 1758. Agr 4—334

xv, 299 p. front. 20cm.

**Quajat, Enrico.** Bozzoli e sete ottenuti con la Maclura aurantiaca . . . Padova, [1890]

11 p. 23<sup>cm</sup>.

Estratto dal Bollettino mensile di bachicoltura febbraio 1890.

**Quajat, Enrico.** Compendio di bacologia, presentato in venti lezioni da Enrico Dr. Quajat . . . 2. ed., riveduta ed aumentata dall' autore. Verona [etc.] Drucker & Tedeschi, 1878.

Agr 4—3587

3 p. l., 261 p., 1 l. 18½<sup>cm</sup>.

**Quajat, Enrico.** . . . Elasticità della bava nei bozzoli italiani. [Padova, 1888]

11, [1] p. 22½<sup>cm</sup>.

Estratto dal Bollettino mensile di bachicoltura.

**Quajat, Enrico.** Influence des eaux de filature sur la soie grège par M. le Dr E. Quajat . . . Lyon, Moniteur des soies, 1889.

Agr 4—3588

31 p. 22½<sup>cm</sup>.

**Quajat, Enrico.** . . . Influenza delle acque di trattura sulla seta greggia. [Padova, n. d.]

21, [1] p. 22½<sup>cm</sup>.

Estratto dal Bollettino mensile di bachicoltura.

**Quajat, Enrico.** Influenza delle medie e basse temperature sulla nascita del seme bachi. Ricerche sperimentali . . . Padova, 1883.

1 p. l., 37 p., 1 l. 22½<sup>cm</sup>.

Estratto dal Bollettino di bachicoltura, anno 1883, n. 5 e 6.

**Quajat, Enrico.** . . . Note ed appunti di bachicoltura e di sericoltura. Padova, Stab. tip. ditta L. Penada, 1904.

54 p. 24<sup>cm</sup>.

**Quajat, Enrico.** I. Nuove ricerche dirette a constatare il sesso nelle uova. Forma varia delle uova. II. Metodo Ishiwata per separare le larve secondo il sesso . . . Trento, 1905.

15 p. illus. 20½<sup>cm</sup>.

Estratto dall' Almanaco agrario del Consiglio provinciale d' agricoltura, sezione di Trento, per l' anno 1905.

**Quajat, Enrico.** . . . Un nuovo serimetro per la bava dei bozzoli. Padova [n. d.]

15 p. illus. 22½<sup>cm</sup>.

Estratto dal Bollettino mensile di bachicoltura.

**Quajat, Enrico.** Prodotti respiratori delle uova del filugello durante l' incubazione normale. Memoria . . . Torino, 1899.

27 p. 11 diagr. 24<sup>cm</sup>.

Estratto dagli Annali della R. Accademia d' agric. di Torino, vol. XLII. Adunanza del 5 marzo 1899.

**Quajat, Enrico.** . . . Rapporti tra bozzoli e seta greggia. Padova [n. d.]

32 p. 21½<sup>cm</sup>.

Estratto dal Bollettino mensile di bachicoltura.

**Quajat, Enrico.** Recherches sur les produits de respiration des œufs du ver-à-soie . . . (Résumé de l'auteur) [Turin, 1897]

Agr 4—335

13 p., 1 l. 23½<sup>cm</sup>.

Caption title.

Extrait des Archives italiennes de biologie, t. XXVII, fasc. III.

**Quajat, Enrico.** Sugli incrociamenti fra le razze bianche del baco da seta. [Firenze, 1885]

11 p. 22<sup>cm</sup>.

Estratto dal Bollettino della Società entomologica italiana, anno XVII, pag. 229-239.

**Quajat, Enrico.** Sulla diminuzione di peso nei bozzoli; ricerche sperimentali di E. dott. Quajat . . . [Padova, Stab. tip. ditta L. Penada, 1885]

Agr 4—3589

16 p. 23<sup>cm</sup>.

"Note bibliografiche": p. 16.

**Quatrefages de Bréau, Jean Louis Armand de.** . . . Silk-worms and sericulture . . . Tr. by Eliza A. Youmans. [New York, 1873]

[657]—676 p. illus. 23½<sup>cm</sup>.

From Popular science monthly. October, 1873.

**Quercy, P.** . . . Instructions pratiques sur l'éducation du ver à soie, par P. Quercy . . . Oran, Impr. typographique et lithographique V. Collet, 1891.

16 p. 23 $\frac{1}{2}$ cm.

At head of title: Chaire d'agriculture du Département d'Oran.

**Quirici, Gerolamo.** La cria del gusano de seda y sus enfermedades por Gerónimo Quirici. 5. ed., revista ampliada é ilustrada, tr. del italiano. Pavia, Premiata tipografía de los hermanos Fusi, 1887.

Agr 5—230

3 p. l., xv, 47 p. front (port.) illus. 22cm.

**Quirici, Gerolamo.** Dell' allevamento del baco da seta e sue malattie per Gerolamo Quirici. 5. ed., riveduta-ampliata ed illustrata. Pavia, Premiata tipografia fratelli Fusi, 1887.

Agr 5—231

3 p. l., xv, 45 p. front. (port.) illus. 22cm.

**Quirici, Gerolamo.** Nuovo sistema di sfarfallamento, per Gerolamo Quirici . . . Pavia [188—]

15 p. illus. 25 $\frac{1}{2}$ cm.

**Rieu, Jules.** Conférence sur l'acclimatation des vers à soie japonais du mûrier de la race annuelle à cocons blancs donnée au Palais de l'industrie à Paris le 10 septembre 1865 par Jules Rieu . . . Paris, Impr. Jouaust, 1865.

16 p. 24 $\frac{1}{2}$ cm.

**Robert, Eugène.** . . . Note sur les travaux séricicoles exécutés à la magnanerie de Sainte-Tulle (Basses-Alpes), par M. Eugène Robert. Lue à la Société d'agriculture, le 15 mai 1850. Paris, Impr. de M<sup>me</sup> Ve Bouchard-Huzard, [1850?]

8 p. 22 $\frac{1}{2}$ cm.

At head of title: Société nationale et centrale d'agriculture.

**Robinet, Stéphane.** Mémoires sur l'industrie de la soie; par Robinet . . . Ventilation des magnaneries. Paris, Millet et Robinet, 1839-41.

Agr 4—338

2 p. l., 27, 130, 38 p. 3 pl. (2 fold.) 22cm.

Consists of three memoirs, originally published in Mémoires de la Société royale et centrale d'agriculture.

**Rodez, comte de.** Compte-rendu des éducations précoces de vers à soie faites en 1868 dans la magnanerie expérimentale du Comice agricole du canton de Ganges (Hérault). Montpellier, Typographie de P. Grolhier, 1868.

19, [1] p. 21 $\frac{1}{2}$ cm.

**Roman, Léopold.** Manuel du magnanier. Application des théories de M. Pasteur à l'éducation des vers à soie, par Léopold Roman . . . Paris, Gauthier-Villars, successeur de Mallet-Bachelier, 1876.

Agr 4—339

vii, 136 p. illus., vi pl. (2 col.) 18cm.

**Rondot, Natalis.** L'art de la soie. Les soies, par M. Natalis Rondot . . . 2. éd., pub. aux frais de la Chambre de commerce de Lyon . . . Paris, Imprimerie nationale, 1885-87.

Agr 4—340

2 v. illus. 28cm.

**Ruggieri, Luigi.** Atlante anatomico del baco da seta disegnato e descritto dal Prof. Luigi Ruggieri . . . 2. ed. Firenze, Stab. lit<sup>ea</sup> Borrani [n. d.]

cover-title, 8 p., 17 l. 17 pl. 21 $\frac{1}{2}$ cm.

**Sauvages de la Croix, Pierre Augustin Boissier de.** L'art d'élever les vers à soie par l'abbé Boissier des Sauvages. Nouvelle éd. tirée de l'éd. de 1788, ordonnée et annotée à l'usage des sériculteurs modernes par G. Luppi . . . Lyon, Le moniteur des soies, 1881.

Agr 4—341

xix, 220 p. 22cm.

**Selvatico, S.** . . . L'aorta nel corsaletto e nel capo della farfalla del bombyce del gelso . . . Padova, Stab. tip. prov. ditta L. Penada, 1887.

Agr 5—44

cover-title, 19 p. 2 double pl. 23cm. (R. Stazione bacologica sperimentale. Pubblicazioni . . . II)

**Sericulture and silk-reeling in Hungary in 1901 . . .** Budapest, Printing office of the Franklin society [190—]

cover-title, 36 p. illus. 23cm.



**Shavrov, Nikolai Nikolaevich.** Добываніе, обработка и условія сбыта шелка и организація правительственныхъ и общественныхъ учреждений по шелководству и шелковой промышленности въ Австро-Венгрии, Италіи, Франціи и другихъ шелководныхъ странахъ. Отчетъ по заграничной побѣздкѣ представленный Министерству государственныхъ имуществъ П. Н. Шавровымъ. Съ приложениемъ шелководственной карты Европы и альбома рисунковъ. С.-Петербургъ, Типографія В. Киршбаума, 1890. Agr 4—494

1 p. l., ix, 588 p. fold map, and album of 50 double pl. 26<sup>cm</sup>.

Production, manufacture, and conditions of sale of silk and governmental organizations and societies for silk culture and silk industry in Austro-Hungary, Italy, France and other silk-producing countries. Report of foreign travel presented to the Minister of public domains by N. N. Shavrov. With annexed sericultural map of Europe and album of drawings.

**Shavrov, Nikolai Nikolaevich.** Наставленіе къ замариванію, сушкѣ и сохраненію коконовъ . . . Составилъ П. Н. Шавровъ. Тифлисъ, Типогр. А. С. Федорова, 1896.

16 p. 1 pl. 26<sup>cm</sup>.

Agr 3—1005

Instruction for the killing, drying and preservation of cocoons . . .

"Напечатано по распоряженію г. уполномоченнаго Министра земледѣлія и государственныхъ имуществъ на Кавказѣ."

**Shavrov, Nikolai Nikolaevich.** . Основныя правила выкормки шелководныхъ червей. Сост. Н. Н. Шавровъ. Изданіе 5-е, дополненное. Тифлисъ, Типографія К. П. Козловскаго, 1900. Agr 4—898

48 p. illus., 2 pl. 25<sup>cm</sup>.

Fundamental principles of the feeding of silk worms. Ed. 5, enl.

At head of title: Кавказская шелководственная станція.

Напечатано по распоряженію г. уполномоченнаго Министра земледѣлія и государственныхъ имуществъ на Кавказѣ.

**Siau, Antoine.** Rapports sur l'industrie séricicole du Département des Pyrénées-Orientales en 1859, et sur les produits envoyés par la Société agricole au concours de Carcassonne, en mai 1859, et sur la culture des artichauts Perpignan, 1860.

1 p. l., 16 p. 22<sup>cm</sup>.

Agr 4—3605

Extrait du 12<sup>e</sup> Bulletin de la Société agricole, scientifique et littéraire des Pyrénées-Orientales.

**Sira-Kawa.** . . . Traité de l'éducation des vers à soie au Japon, par Sira-Kawa de Sendai (Osyou). Tr. pour la première fois du japonais par Léon de Rosny. Publié par ordre de son excellence le ministre de l'agriculture. Paris, Imprimerie impériale, 1868. Agr 4—3606

2 p. l., lxiv, 228, [2] p. illus., xxiv pl. (17 col., 3 double), incl. 2 double maps. 21<sup>1</sup>/<sub>2</sub><sup>cm</sup>.

At head of title: Yô-san-sin-sets.

**Stradivari, Cesare.** Sulla educazione dei bachi da seta e sulla coltivazione dei gelsi, memoria del dottore Cesare Stradivari. Premiata dall' I. R. Istituto Lombardo di scienze, lettere ed arti. Sul programma pubblicato il 14 marzo 1838. Milano, Dalla tipografia di G. Bernardoni di Gio, 1841. Agr 4—343

132 p. 22<sup>cm</sup>.

**Tastet, Émile.** . . . Rapport de M. Émile Tastet sur l'introduction en France des vers à soie sauvages de la Chine. Paris, Impr. S. Raçon et c<sup>ie</sup>, 1854. Agr 4—3618

30 p. 23<sup>cm</sup>.

"Extrait du Bulletin de la Société zoologique d'acclimatation. no. 3. Mai 1854."

**Tikhomirov, Aleksandr Andreevich.** Основы практическаго шелководства. Изданіе 2-е (дополненное), по порученію Министерства земледѣлія и государственныхъ имуществъ. А. Тихомирова . . . Москва, Университетская типографія, 1895. Agr 4—899

1 p. l., xlii, 374 p., 1 l. illus., pl., tab. 25<sup>1</sup>/<sub>2</sub><sup>cm</sup>.

Elements of practical silk culture. Ed. 2 (enl.) By order of the Department of agriculture and state domains. . . .

**Toyama, Kametaro.** On the spermatogenesis of the silk-worm . . . [Tokyo, 1894]

[125]-157 p. III-IV double pl. 24<sup>cm</sup>.

"List of works referred to:" p. [152]-153.

"The preliminary note of this paper was published in the 'Zoologischen anzeiger' no. 488 this year [1893]"

From the Bulletin of the college of agriculture. Tōkyō imperial university, vol. II.

**Tranquilli, G.** Courtes observations sur la race des vers à soie à cocons blancs de forme sphérique de la province de Tsche-Kiang . . . Lyon, 1887.

16 p. 24<sup>cm</sup>.

Extrait du journal le Moniteur des soies de Lyon.

**Tranquilli, G.** Del baco da seta e suo allevamento, cenni pratici del cav. dott. G. Tranquilli. Bologna, Tipografia Mareggiani, 1885. Agr 4-3620

38 p. 18½<sup>cm</sup>.

**Uzielli, Gustave.** Sur l'application du sulfure de carbone à l'étouffement des chrysalides des vers à soie, la conservation et l'exportation des cocons d'après des expériences faites par M<sup>rs</sup> Edouard Beccari e Gustave Uzielli. Mémoire par Gustave Uzielli. [n. p., 18—]

24 p., 1 l. fold. pl. 23<sup>cm</sup>.

**Verein zur beförderung des seidenbaues in der mark Brandenburg und Niederlausitz.** Kurze anleitung zur erziehung und pflege des maulbeerbaums und zum seidenbau. Hrsg. von dem vorstande des Vereins zur beförderung des seidenbaues in der mark Brandenburg und Niederlausitz. 2. ausgabe. Berlin, G. Bethge, 1854.

Agr 4-346

73 p. 20½<sup>cm</sup>.

**Verein zur beförderung des seidenbaues in der provinz Pommern.** Statuten zur beförderung des seidenbaues in der provinz Pommern. Stettin, Druck von R. Grassmann, 1853.

Agr 4-347

cover-title, 8 p. 20½<sup>cm</sup>.

**Verson, Enrico.** . . . Altre cellule glandulari, di origine postlarvale (cellule glandulari epigastriche) . . . Padova, Stab. tip. prov. ditta L. Penada, 1892.

Agr 5-41

cover-title, 16 p., 1 l. fold. pl. 23<sup>cm</sup>. (R. Stazione bacologica di Padova. Pubblicazioni . . . VII)

**Verson, Enrico.** . . . Cellule glandulari ipostigmatiche nel Bombyx mori Padova, Stab. tip. prov. L. Penada, 1891.

Agr 5-59

cover-title, 19, [1] p. 2 fold. pl. 23<sup>cm</sup>. (R. Stazione bacologica di Padova. Pubblicazioni . . . VI)

At head of title: E. Verson ed E. Bisson.

**Verson, Enrico.** . . . Dei segni esterni atti a rivelare nel Bombyx m. il sesso della larva. Venezia, 1905.

[497]-501 p. illus. 25<sup>cm</sup>.

From Atti del Reale istituto veneto di scienze, lettere ed arti. vol. LXIV. pt. 2, 1904-1905.

**Verson, Enrico.** Del filugello e del suo allevamento; lezioni del dottore Enrico Verson . . . 2. ed. Torino, Unione tipografico-editrice, 1877.

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**Verson, Enrico.** . . . Di una serie di nuovi organi escretori scoperti nel filugello . . . Padova, Stab. tip. prov. L. Penada, 1890.

Agr 5-42

cover-title, 30 p. rv pl. 23½<sup>cm</sup>. (R. Stazione bacologica di Padova. Pubblicazioni . . . V)

**Verson, Enrico.** . . . La evoluzione del tubo intestinale nel filugello. Venezia, Tip. Ferrari, 1897.

Agr 5-62

1 p. l., 40 p. II double pl. 23<sup>cm</sup>. (On cover: R. Stazione bacologica sperimentale . . . X)

"Dagli Atti del R. Istituto veneto di scienze, lettere ed arti, tomo VIII, ser. VII. - 1896-97 [p. 917-956]"

**Verson, Enrico.** . . . La evoluzione postembrionale degli arti cefalici e toracali nel bombice del gelso . . . Padova, Tip. lit. Fr.lli Salmin, 1904.

Agr 5-65

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**Verson, Enrico.** . . . Manifestazione rigenerative nelle zampe toracali del B. mori . . . Padova, Tipografia dei fratelli Gallina, 1904.

cover-title, 41 p. 23cm. (R. Stazione bacologica sperimentale . . . XVI)

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**Verson, Enrico.** Die postembryonale entwicklung der ausführungsgänge und der nebendrüsen beim männlichen geschlechtsapparat von Bombyx mori . . . [Leipzig] 1895.

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359, [1] p. illus. 18<sup>cm</sup>. (*Half-title*: Bibliothèque des connaissances utiles)

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3 p. l., ii, 320 p. illus. 18½<sup>cm</sup>. (Bibliothèque des actualités industrielles. n° 31)

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9 p. 25<sup>cm</sup>.

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**Wallace, Alexander.** Report on the culture of the Japanese silkworm, Bombyx yama-mai, in England, in 1867-68. By Alexander Wallace . . Colchester, Benham and Harrison, 1869.

Agr 4—351

64 p. 21½<sup>cm</sup>.

**Wallace, Alexander.** Silk culture . . . [n. p., 18—]

pts. 1-7. illus. 27<sup>cm</sup>.

From the Technical educator, vol. III, p. 8-10, 71-74, 126-128, 177-179, 289-291, 327-330; vol. IV (?) p. 37-40.

**Wan Chú.** Cultivation of the mulberry and rearing the silkworm. Tr. from the Tsán Säng Hoh-pien . . . Reprinted from the Chinese repository. [n. p., n. d.]

14 p. 21<sup>cm</sup>.

Agr 4—352

Caption title.

Preface of original work dated 1844.

**Wardle, Thomas.** . . . Handbook of the collection illustrative of the wild silks of India, in the Indian section of the South Kensington museum, with a catalogue of the collection and numerous illustrations. By Thomas Wardle. London, Printed by G. E. Eyre and W. Spottiswoode, for H. M. Stationery off., 1881.

Agr 4—353

xii, 163 p. incl. LXVI pl. (1 fold., incl. 3 maps) 22<sup>cm</sup>.

At head of title: Science and art department of the Committee of council on education, South Kensington.

**Wray, Leonard, jr.** On the experimental culture of silkworms in Perak, together with a paper on the Malayan fish poison "aker tuba," and a note on a lightning discharge in Taiping. Also a note on the black limestone at Kamuning. By L. Wray, jun. . . . Taiping, Perak government printing office, 1893.

Agr 4—354

1 p. l., 29 p. 2 pl. 23½<sup>cm</sup>. (*Half title*: Perak museum notes, no. 1)

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3—16331

viii, 111 p. incl. tab. 22<sup>cm</sup>.

Inaug.-dis.—Heidelberg.

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cover-title, 19 p. 17<sup>cm</sup>.

## DISEASES OF THE SILKWORM.

**Bassi, Carlo Agostino.** De la muscardine (maladie des vers à soie), de ses principes et de sa marche; moyens de la reconnaître, de la prévenir et de la détruire. Abrégé de l'ouvrage de M. le docteur Agostino Bassi . . . par M. le comte Jacques Barbô . . . Paris, Chez les principaux libraires, 1836. Agr 4—197

2 p. 1., xii, 82 p. pl. 20 $\frac{1}{2}$ cm.

**Bernard-Durand.** Méthode et instruction pratique pour l'extinction progressive de la gattine et des autres maladies constitutionnelles et héréditaires qui peuvent en général frapper le ver à soie, par M. et M<sup>me</sup> Bernard-Durand; traité publié avec l'encouragement et sous les auspices de la Commission des soies dépendante de la Société impériale d'agriculture, sciences et arts utiles de Lyon . . . Paris, F. Savy, 1860

47 p. 23cm.

Agr 4—3482

**Charrel, J.** Acétrophie, ou gattine des vers à soie, nouveaux et importants détails sur cette maladie, opinion de l'auteur sur la méthode André Jean, et conseils pour régénérer les vers et se débarrasser du fléau, par M. J. Charrel . . . Grenoble, Impr. de Prudhomme, 1857. Agr 4—3509

38, [3]—19 p. 22cm.

**Charrel, J.** Gattine des vers à soie, ou Étude des causes du fléau qui a frappé plus ou moins les éducations de 1856, et conseils pour régénérer les vers et obtenir de bon résultats . . . Grenoble, 1856. Agr 4—3510

19 p. 22 $\frac{1}{2}$ cm.

"Extrait du Sud-est, année 1856, pag. 577."

**Ciccone, Antonio.** . . . De la muscardine et des moyens d'en prévenir les ravages dans les magnaneries, par M. Ciccone . . . Paris, M<sup>me</sup> V<sup>e</sup> Bouchard-Huzard, 1858. Agr 4—266

196 p. iii pl. 21 $\frac{1}{2}$ cm.

At head of title: Société impériale et centrale d'agriculture.

**Franceschini, Felice.** Le malattie dei bachi da seta . . . [Milano, 1867?]

16 p. illus. 18 $\frac{1}{2}$ cm.

Agr 4—3536

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**Guérin-Ménéville, Félix Édouard.** . . . Analyse des expériences sur la muscardine et les autres maladies des vers à soie en 1849; par MM. Guérin-Ménéville et Eugène Robert. [Paris, 1850] Agr 4—3542

38 p. pl. 24 $\frac{1}{2}$ cm,

Extrait des Annales de la Société séricicole.

**Guérin-Ménéville, Félix Édouard.** . . . Note sur le résultat le plus important des études séricoles faites avec le concours de M. Eugène Robert, à la magnanerie expérimentale de Sainte-Tulle (Basses-Alpes).—Extrait du Journal d'observations scientifiques et pratiques de la campagne de 1851, par M. F.-E. Guérin-Ménéville. [Paris, Typographie Schneider, 1851]

8 p. 22 $\frac{1}{2}$ cm.

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12 p. 22cm.

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**Mason, James Wood.** [Report on the disease among the silk-worms in India] [Calcutta, Government of India central printing office, 1887]

3 p. 28 $\frac{1}{2}$ cm.

**Méritan, Édouard.** De la gattine, son origine, les causes qui l'ont produite et son invasion épidémique. Moyens, pour la combattre, employés jusqu'à nos jours. Nos appréciations sur ce sujet. Par Édouard Méritan fils . . . Carpentras, Impr. de L. Devillario, 1858. Agr 4—3572

24 p. 21cm.

**Moniez, Romain Louis.** Note sur un parasite nouveau du ver à soie . . . [Paris] 1887.

2 p. 25<sup>cm</sup>.

Extrait du Bulletin de la Société zoologique de France, t. xii, 1887.

**Nysten, Pierre Hubert.** Recherches sur les maladies des vers à soie, et les moyens de les prévenir, suivies d'une instruction sur l'éducation de ces insectes; ouvrage publié par ordre du ministre de l'intérieur, par P. H. Nysten . . . Paris, De l'imprimerie impériale, 1808.

Agr 4—329

2 p. l., 188 p. 21½<sup>cm</sup>.

**Pasteur, Louis.** Études sur la maladie des vers à soie, moyen pratique assuré de la combattre et d'en prévenir le retour, par M. L. Pasteur . . . Paris, Gauthier-Villars, successeur de Mallet-Bachelier, 1870.

Agr 4—3581

2 v. front. (v. 1) illus., plates (partly col.) 23<sup>cm</sup>.

CONTENTS.—tome I. La pébrine et la flacherie.—tome II. Notes et documents.

**Quatrefages de Bréau, Jean Louis Armand de.** Études sur les maladies actuelles du ver à soie, par A. de Quatrefages . . . Paris, V. Masson, 1859.

Agr 4—336

1 p. l., 382, [2], vii p. vi col. pl. 27<sup>cm</sup>.

**Quatrefage de Bréau, Jean Louis Armand de.** Nouvelles recherches faites en 1859 sur les maladies actuelles du ver à soie, par A. de Quatrefages . . . Paris, V. Masson, 1860.

Agr 4—337

2 p. l., 120 p. 26½<sup>cm</sup>.

**Robert, Eugène.** . . . Observations sur la muscardine. [Paris, 188—]

23 p. 24½<sup>cm</sup>.

Agr 4—3597

Extrait des Annales de la Société séricicole.

**Sirand.** Étude sur la maladie des vers à soie et pratique du grainage suivant le procédé Pasteur. [Grenoble, Impr. de Prudhomme, 1868]

[3]—15 p. 22<sup>cm</sup>.

Caption title.

**Vasco, Amedeo.** . . . Hygiène antimuscadinique du ver à soie, par M. Amédée Vasco . . . Précédé d'une lettre à M. le directeur du Moniteur des soies par le docteur G. Luppi. Lyon, Le moniteur des soies, 1883.

Agr 4—3621

32 p. 19<sup>cm</sup>.

Mémoire lu et approuvé à l'Académie royale d'agriculture de Turin dans la séance du 5 décembre 1882.

**Vasco, Amedeo.** . . . Igiene anticalcinica del filugello . . . Memoria letta ed approvata nell' Adunanza delli 5 dicembre 1882 . . . Torino, 1883.

[3]—23 p. iii fold. col. pl. 23½<sup>cm</sup>.

Estratto dagli Annali della R. Accademia d' agricolt. di Torino, vol. xxvii.

**Verson, Enrico.** . . . Un affezione parassitaria del filugello non descritta ancora . . . Padova, Tipografia cooperativa, 1899.

Agr 5—61

11 p. pl. 23<sup>cm</sup>. (R. Stazione bacologica sperimentale . . . xiii)

**Verson, Enrico.** . . . Recherches sur la gattine & la flacherie, par Verson . . . et Vlacovich . . . Montpellier, Imprimerie centrale du Midi, Ricateau, Hamelin et c<sup>e</sup>, 1874.

Agr 4—348

44 p. 26½<sup>cm</sup>. (Station séricicole de Montpellier. Mémoires et documents sur la sériciculture [1. sér., 1. fasc.])

## SERICULTURAL PERIODICALS.

**American silk journal.** Devoted to the interests of the American silk industry and trade [monthly] Jan. 1882–Dec. 1890; Feb.–Dec. 1891; Jan. 1903–Dec., 1904. v. 1–9; v. 10, no. 2–12; v. 22–23. illus. f°. New York, 1882–[1904]

**American silk society.** See Journal of the American silk society and rural economist.

**Annuaire** du commerce des soies & soieries de France et de l'étranger, 1889. 12°. Lyon, 1889.

**Annuario serico**, vade-mecum per l'industria ed il commercio delle sete, 1888. v. 1. 8°. Milano [1888]

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**Bollettino mensile** di bachicoltura, 1874-Feb. 1892; Apr. 1892-Dec. 1898. v. 1-ser. 2, v. 9, no. 11; ser. 2, v. 10-ser. 3, v. 4. illus., plates. 8°. Padova, 1874-98.

Vol. 1-9, title reads: *Bollettino di bachicoltura*

Vol. 1-9 by Enrico Verson; ser. 2, v. 1-ser. 3, v. 4 by Enrico Quajat and Enrico Verson.

**Brandenburg. Verein zur beförderung des seidenbaues.** See *Verein zur beförderung des seidenbaues für die provinz Brandenburg; also Verein zur beförderung des seidenbaues in der mark Brandenburg und Niederlausitz*.

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**Silk culture league of America.** See **Silk**.

**Silk**, devoted to the interests of the silkculturist and manufacturer, published monthly . . . Feb. 1903-Dec. 1904. v. 1-2, no. 9. illus. 4° Tallulah Lodge, Ga. [1903-04]

No numbers issued for Mar. 1903; Jan., Sept.-Oct. 1904.

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The **Silk exhibit daily record**, Apr. 21-May 3, 1884. no. 1-12 and supplement. f°. [Philadelphia, 1884]

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Published in the interest of the **Women's silk culture association** during their second silk exhibit.

**Société séricicole pour la propagation et l'amélioration de l'industrie de la soie en France.** Annales. 1847-48. v. 11-12. illus. 8°. Paris, 1848-49.

**Station séricicole impériale de Kyoto.** See **Kyoto, Station séricicole impériale** de.

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**Women's silk culture association of the United States.** *See also* The Silk exhibit daily record.

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### AFRICA.

**Distant, William Lucas.** *Insecta transvaaliensia; a contribution to a knowledge of the entomology of South Africa.* By W. L. Distant . . . assisted by many specialists. London, West, Newman & co., 1900-1904.

pt. I-vi. illus., xv pl. (partly col.) 32 $\frac{1}{2}$ cm.

**Distant, William Lucas.** . . . On some South-African insects. . . [London] 1899.

[178]-180 p. 21 $\frac{1}{2}$ cm.

From the *Annals and magazine of natural history*, ser. 7; vol III, February, 1899.

**Guérin-Méneville, Félix Édouard.** . . . *Insectes.* Paris, A. Bertrand [1849] cover-title, 1 p. l., [243]-398 p. 24 $\frac{1}{2}$ cm.

From *Voyage en Abyssinie exécuté pendant les années 1839-43 par une commission scientifique composée de MM. Théophile Lefebvre . . . A. Petit et Quartin Dillon* 4 ptie. *Histoire naturelle—Zoologie* . . . Tome 6.

[**Klug, Johann Christoph Friedrich**] [*Symbolæ physicae, seu Icones et descriptiones insectorum quæ ex itinere per Africam borealam et Asiam occidentalem F. G. Hemprich et C. G. Ehrenberg studio novæ aut illustratæ redierunt. Percensuit . . . P. Klug*] [Berolini, ex officina academica, 1829-45]

unp. 50 col. pl. 49cm.

Issued in 5 pts.

Title-page wanting.

From C. G. Ehrenberg's *Symbolæ physicae, seu Icones et descriptiones corporum naturalium novorum aut minus cognitorum . . . Pars zoologica I.* 1828-45.

**Kolbe, Hermann Julius.** . . . *Beiträge zur zoogeographie Westafricas nebst einem bericht über die während der Loango-expedition von Herrn Dr. Falkenstein bei Chinchoxo gesammelten Coleoptera, von Hermann Julius Kolbe . . . Mit 3 tafeln nr. XIV-XVI. Eingegangen bei der Akademie am 9. januar 1884. Halle, 1887.* 212 p. 3 col. pl. 32 $\frac{1}{2}$ cm. (*Nova acta der Ksl. Leop.-Carol. deutschen akademie der naturforscher.* Bd. L, nr. 8)

"Verzeichniss der für diese arbeit benutzten litteratur" : p. 208-210.

**Macleay, William Sharp.** *Illustrations of the Annulosa of South Africa, being a portion of the objects of natural history chiefly collected during an expedition into the interior of South Africa, under the direction of Dr. Andrew Smith, in the years 1834, 1835, and 1836; fitted out by "The Cape of Good Hope association for exploring central Africa."* By W. S. Macleay . . . Published under the authority of the Lords commissioners of Her Majesty's treasury. London, Smith, Elder and co., 1838.

3 p. l., 75 p. 4 col. pl. 32 × 26cm. (*Added t. p.: Illustrations of the zoology of South Africa. . . By Andrew Smith . . . Invertebratæ.* 1849)

**Negreiros, Almada.** Sur les arthropodes du Mozambique et de San Thomé offerts au Muséum . . . [Paris] 1901.

4 p. 23 $\frac{1}{2}$ cm.

Extrait du Bulletin du Muséum d'histoire naturelle. —1901, n° 1, p. 12.

**Palisot de Beauvois, Ambroise Marie François Joseph.** Insectes recueillis en Afrique et en Amérique, dans les royaumes d'Oware et de Benin, à Saint-Domingue et dans les États-Unis, pendant les années 1786–1797; par A.-M.-F.-J. Palisot de Beauvois . . . Paris, Impr. de Fain et compagnie [etc.] 1805.

2 p. l., xvi, 276 p. col. plates. 39cm.

Date of publication given by Hagen and others as 1805–21.

**Riley, Charles Valentine.** . . . Scientific results of the U. S. eclipse expedition to West Africa, 1889–'90. Report on the Insecta, Arachnida, and Myriapoda Washington, 1893.

cover title, 565–590 p. illus., pl. 24 $\frac{1}{2}$ cm.

From the Proceedings of the United States national museum, vol. XVI, p. 565–590 . . . (No. 951.)

**Thomson, James.** Voyage au Gabon. Histoire naturelle des insectes et des arachnides recueillis pendant un voyage fait au Gabon en 1856 et en 1857 par M. Henry C. Deyrolle sous les auspices de MM. le comte de Mnischev et James Thomson, précédée de l'histoire du voyage par M. James Thomson . . . Arachnides, par M. H. Lucas . . . [Paris, Au bureau du trésorier de la Société entomologique de France, 1858]

469, [2] p. xiv col. pl. 27cm. (Added t.p.: Archives entomologiques . . . par M. James Thomson. t. 2)

CONTENTS.—Histoire du voyage [par M. James Thomson]—Ordre coléoptères [par M. James Thomson]—Supplément aux coléoptères, par M. A. Chevrolat.—Ordre orthoptères, par M. Léon Fairmaire.—Ordre névroptères, par M. Léon Fairmaire.—Ordre hyménoptères, par M. Léon Fairmaire.—Ordre hémiptères, par MM. Léon Fairmaire et Signoret.—Lepidopteridæ [par M. James Thomson]—Diptères, par M. J. Bigot.—Aptères [par M. H. Lucas]

**Westwood, John Obadiah.** Matabele land and the Victoria Falls from the letters and journals of the late Frank Oates, F. R. G. S. Appendix iv. Entomology by J. O. Westwood. London, C. K. Paul & co., 1882.

1 p. l., [331]–365 p. 4 pl. (3 col.) fold. map. 22 $\frac{1}{2}$ cm.

**Wollaston, Thomas Vernon.** Insecta maderensia; being an account of the islands of the Madeiran group. By T. Vernon Wollaston . . . London, J. Van Voorst, 1854.

xliii, 634 p. xiii col. pl. 32 $\frac{1}{2}$ cm.

**Wulfen, Franz Xaver.** Xaverii Wulfen Descriptiones quorundam Capensium insectorum. Erlange, Sumtu W. Waltheri, 1786.

xl p. 11 pl. 27cm.

### AMERICA.

**Ashmead, William Harris, ed.** Reports upon the insects, spiders, mites, and myriapods collected by Dr. L. Stejneger and Mr. G. E. H. Barrett-Hamilton on the Commander Islands. Ed. by William H. Ashmead . . . Washington, Govt. print. off., 1899.

cover-title, 328–351 p. pl. 28cm.

Extracted from The fur seals and fur-seal islands of the North Pacific ocean, pt. iv, pp. 328–351.

CONTENTS.—Coleoptera. By Martin L. Linell and E. A. Schwarz.—Lepidoptera. By H. G. Dyar.—Hymenoptera and Rhynchotha. By William H. Ashmead.—Diptera and Siphonaptera. By D. W. Coquillett.—Plecoptera, Trichoptera, and Arachnida. By Nathan Banks.—Myriapoda. By Prof. O. F. Cook.

**Bethune, Charles James Stewart** . . . The rise and progress of entomology in Canada . . . [Toronto, 1898]

cover-title, 155–165. 25cm.

From the Transactions of the Royal society of Canada. 2d series—1898–99. vol. iv. section iv.

**Blanchard, Émile, i. e., Charles Émile.** Insectes de l'Amérique méridionale, recueillis par Alcide d'Orbigny, et décrits par Émile Blanchard . . . et Auguste Brullé . . . [Paris, P. Bertrand; Strasbourg, V° Levrault, 1837-43]

4 p. l., 222 p. 32 col. pl. 36<sup>cm</sup>. (*Added t.p.*: Voyage dans l'Amérique méridionale . . . exécuté pendant les années 1826, 1827, 1828, 1829, 1830, 1831, 1832 et 1833, par Alcide d'Orbigny . . . tome 6. 2. pte: Insectes)

[**Brodie, William**] Check list of insects of the Dominion of Canada. Compiled by the Natural history society of Toronto . . . July 1883. Toronto, Printed by C. B. Robinson, 1883.

iv, 67 p. 21<sup>4</sup><sup>cm</sup>.

Preface signed by W. Brodie and J. E. White.

**Cockerell, Theodore Dru Alison.** . . . Contributions to the entomology of New Mexico . . . Davenport, Iowa, 1898.

cover-title, 139-156 p. 24<sup>1</sup><sup>cm</sup>.

Reprinted from vol. VII, Proceedings of the Davenport academy of natural sciences, Davenport, Iowa.

Published from the income of the Putnam memorial fund.

**Cockerell, Theodore Dru Alison.** . . . New and little-known insects from New Mexico . . . [London, 1901]

[333]-337 p. 22<sup>1</sup><sup>cm</sup>.

From the Annals and magazine of natural history, ser. 7, vol. VII, April 1901.

**Cockerell, Theodore Dru Alison.** On some insects in the state of Chihuahua, Mexico . . . [London, 1895]

[204]-210 p. 22<sup>cm</sup>.

From the Annals and magazine of natural history, ser. 6, vol. XV., February, 1895.

**Davis, B. M.** Some common insects of southern California, with references to literature . . . [San Diego?, 1904]

[8] p. 23<sup>1</sup><sup>cm</sup>.

From Proceedings of the Southern California teachers' association for 1904.

**Gundlach, Juan.** Contribución á la entomología cubana, por el Dr. Juan Gundlach . . . Habana, Imp. "La Antilla," de Cacho-Negrete, 1881-91.

3 v. 23<sup>1</sup><sup>cm</sup>.

**Harriman Alaska Expedition.** . . . Insects . . . New York, Doubleday, Page & company, 1904.

2 v. fronts. (v. 1, col.) illus., 19 pl. 26<sup>cm</sup>. (Harriman Alaska expedition with cooperation of Washington academy of sciences. Alaska. vol. VIII-IX)

**Harrington, W. Hague.** Extra limital insects found at Ottawa . . . [Ottawa], 1899.

1 p. l., [117]-125 p. 22<sup>cm</sup>.

Reprinted from the Ottawa naturalist, vol. XIII, no. 5, August, 1899.

**Hart, Charles Arthur.** I. On the entomology of the Illinois river and adjacent waters. By C. A. Hart. II. Description of three new parasitic Hymenoptera from the Illinois river. By Wm. H. Ashmead. Springfield, Ill., H. W. Rokker, printer and binder, 1895.

iv, [149]-284 p. xv pl. 22<sup>1</sup><sup>cm</sup>. (*On cover*: Bulletin of the Illinois state laboratory of natural history . . . vol. IV. art. VI-VII).

**Howard, Leland Ossian.** . . . Annotated catalogue of the insects collected in 1887-88. Washington, 1889.

185-216 p. 24<sup>1</sup><sup>cm</sup> (Scientific results of explorations by the U. S. Fish commission steamer Albatross. v)

From the Proceedings of the United States national museum, vol. XII, p. 185-216. [No. 771.]

**Howard, Leland Ossian.** A list of the invertebrate fauna of South Carolina. By L. O. Howard. Charleston, S. C., Walker, Evans & Cogswell, printers [1882]

47 p. 25<sup>cm</sup>.

This article forms chapter XI of a "Hand book of the state of South Carolina," published by the state.

"List of works:" p. 2-3; also a short list: p. 47.

**Jaeger, Benedict.** The life of North American insects; illustrated by numerous colored engravings and narratives. By Prof. B. Jaeger, assisted by H. C. Preston, M. D. Published for the author. Providence, Sayles, Miller and Simons, printers, 1854.

iv, 204 p. front. (port.) vi col. pl. 23<sup>cm</sup>.

"Life of Sir Hans Sloane;" p. 1-16.

**Jones, William.** Observations on the insects of Jamaica . . . [Kingston, Jamaica, 1894]

368-372 p. 25<sup>cm</sup>.

From the Journal of the Institute of Jamaica, vol. 1.

**Kirby, William.** Fauna boreali-americana. Part the fourth and last. The insects. By the Rev. William Kirby . . . [Norwich, J. Fletcher, 1837]

xxxix, 325, [1] p., 1 l. viii pl. 26½<sup>cm</sup>. (Fauna boreali-americana; or The zoology of the northern parts of British America . . . by John Richardson . . . assisted by William Swainson . . . and the Reverend William Kirby . . . [pt. 4])

"List of authors referred to in this volume in addition to those referred to in the preceding volumes;" p. [xxix]-xxxix.

**Klug, Johann Christoph Friedrich.** Entomologiæ brasilianæ specimen. Dedit Dr. Fr. Klug . . . [Halle, 1821]

1 p. l., [279]-324 p. xxi-xxiii col. pl. 27½<sup>cm</sup>.

From Nova acta Acad. Caes. Leopold.-Carol. Germ. nat. cur. vol. x.

— Entomologiæ brasilianæ specimen alterum, sistens insectorum Coleopterorum nondum descriptorum centuriam. Scripsit Fridericus Klug . . . [Halle, 1825]

1 p. l., 421-476 p. xl-xliv col. pl. 27½<sup>cm</sup>.

From Nova acta Acad. Caes. Leopold.-Carol. Germ. nat. cur. vol. xii.

**Latreille, Pierre André.** . . . Insectes de l'Amérique équinoxiale, recueillis pendant le voyage de MM. de Humboldt et Bonpland, et décrits par M. Latreille. [Paris, 1805?-11]

2 pts. col. plates. 36<sup>cm</sup>.

From Humboldt and Bonpland's Voyage dans l'intérieur de l'Amérique méridionale dans les années 1799-1804. 2. ptie. Recueil d'observations de zoologie et d'anatomie comparée. 1. vol., p. 127-252, 9-64, pl. xv-xviii, xxii-xxv, xxxi-xxxiv.

Another copy contains pl. xix-xxi, designed to accompany Latreille's Des abeilles (p. 260-297 of same vol. of Humboldt and Bonpland) but Library does not possess the text.

Library has also another (earlier?) ed. of pt. 1 of the Insectes with paging 197-283, 344-397 and pl. xv-xviii, xxii-xxv.

**Lucas, Hippolyte i. e. Pierre Hippolyte.** Animaux nouveaux ou rares recueillis pendant l'expédition dans les parties centrales de l'Amérique du Sud, de Rio de Janeiro à Lima, et de Lima au Para; exécutée par ordre du gouvernement français pendant les années 1843 à 1847, sous la direction du comte Francis de Castelnau. Ouvrage qui a obtenu une médaille hors ligne de la Société de géographie. Entomologie par M. H. Lucas . . . Paris, P. Bertrand, 1857.

2 p. l., 204 p. 20 col. pl. 32<sup>cm</sup>. (Cover-title: Expédition dans les parties centrales de l'Amérique du Sud . . . 7. ptie. Zoologie. Entomologie)

**Packard, Alpheus Spring.** . . . List of hymenopterous and lepidopterous insects collected by the Smithsonian expedition to South America, under Prof James Orton . . . [Salem, Mass., 1869]

56-69 p. 24<sup>cm</sup>.

From the First annual report of the trustees of the Peabody academy of science, January, 1869.

**Packard, Alpheus Spring.** List of the spiders, myriopods and insects of Labrador. [n. p., n. d.]

8 p. 23<sup>cm</sup>.

**Packard, Alpheus Spring.** Report on the insects collected on the Penobscot and Allequash Rivers, during August and September, 1861 . . . [Angusta, 1861]

[373]-376 p. 24<sup>cm</sup>.

From the Sixth Annual report of the Secretary of the Maine Board of agriculture 1861.

**Palisot de Beauvais, Ambroise Marie François Joseph.** Insectes recueillis en Afrique et en Amérique. *See under Africa*, p. 138.

**Perty, Maximilian.** Delectus animalium articulorum, quæ in itinere per Brasiliam annis MDCCCXVII-MDCCCXX jussu et auspiciis Maximiliani Josephi I. Bavarie regis augustissimi peracto collegerunt Dr. J. B. de Spix . . . et Dr. C. F. Ph. de Martius. Digessit, descripsit, pingenda curavit Dr. Maximilianus Perty . . . præfatus est et edidit Carol. Frideric Philip. de Martius . . . Accedit dissertatio de insectorum in America meridionali habitantium vitæ genere, moribus et distributione geographica. Monachii, Impensis editoris, 1830-34.

1 p. l., iii, 44, 224 p. 40 pl. 86<sup>cm</sup>.

"Opera in descriptionibus citata:" p. [223]-224.

**Provancher, Léon.** Petite faune entomologique du Canada et particulièrement de la province de Québec . . . par l'Abbé L. Provancher . Québec, Typographie de C. Darveau, 1883.

v. 2. illus. 22<sup>cm</sup>.

Pages 361-364 lacking.

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— Additions et corrections au volume II de la Faune entomologique du Canada traitant des hyménoptères, par l'Abbé L. Provancher. Québec, Typographie de C. Darveau, 1889.

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Pages 51-54, 377-392 lacking.

**Riley, Charles Valentine.** Entomology in Missouri . . . [Salem, 1874]

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**Riley, Charles Valentine.** . . . Report on a small collection of insects made during the Death Valley expedition, by C. V. Riley, PH. D. List of Diptera from Death Valley, California, and adjoining regions, by S. W. Williston, M. D. Hemiptera and Heteroptera of the Death Valley expedition, by P. R. Uhler . . . [Washington, 1893]

cover-title, 235-268 p. 23<sup>cm</sup>.

At head of title: U. S. Department of Agriculture. Division of ornithology and mammology.

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**Rivera, Manuel J.** Desarrollo i costumbres de algunos insectos de Chile, por Manuel J. Rivera . . . Santiago de Chile, Imprenta Cervantes, 1904.

pt. 1. illus. 25<sup>cm</sup>.

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**Say, Thomas.** The complete writings of Thomas Say on the entomology of North America. Ed. by John L. Le Conte, M. D. With a memoir of the author, by George Ord . . . New York, Baillièrre brothers; London, H. Baillièrre, [etc., etc.] 1859.

2 v. 54 (i. e. 55) pl. (54 col.) 23<sup>cm</sup>.

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**Scudder, Samuel Hubbard.** The distribution of insects in New Hampshire. A chapter from the first volume of the Final report upon the geology of New Hampshire. By Samuel H. Scudder . . . Concord, N. H., E. A. Jenks, state printer, 1874.

cover-title, [331]-384 p., 1 l. pl., 2 maps. 26½<sup>cm</sup>.

**Scudder, Samuel Hubbard.** Remarks on some characteristics of the insect-fauna of the White Mountains, New Hampshire . . . [Boston, 1863]

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**Smith, John Bernhard.** Catalogue of insects found in New Jersey . . . Trenton, N. J., Printed by the J. L. Murphy publishing co., 1890.

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Half-title.

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**Smith, John Bernhard.** . . . Insects of New Jersey; a list of the species occurring in New Jersey, with notes on those of economic importance, by John B. Smith . . . Printed as a supplement to the Twenty-seventh annual report of the State board of agriculture. Trenton, N. J., MacCrellish & Quigley, state printers, 1900.

2 p. l., 755 p. front., illus., plates, fold. maps. 23<sup>cm</sup>.

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— . . . Insects of New Jersey, a supplemental index, giving popular names and the chief crops preyed upon by destructive species. By John B. Smith . . . Printed for the New Jersey state board of agriculture. To be used with the supplement to the 27th annual report (1899) entitled "Insects of New Jersey." Camden, N. J., S. Chew & sons, printers, 1901.

9 p. 23<sup>cm</sup>.

**Snow, Francis Huntington.** Lists of Lepidoptera and Coleoptera collected in New Mexico by the Kansas university scientific expeditions of 1881 and 1882. [Topeka, 1883]

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**Townsend, Charles Henry Tyler.** Insects in popular dread in New Mexico . . . [New York, 1892]

[1] p. 30<sup>cm</sup>.

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**Uhler, Philip Reese.** . . . Report upon the insects collected by P. R. Uhler during the explorations of 1875, including monographs of the families Cydnidæ and Saldæ, and the Hemiptera collected by A. S. Packard, jr., M. D. . . . Washington, 1877.

[355]-475, 765-801 p. 27-28 pl. 23<sup>cm</sup>. (Department of the interior. United States geological and geographical survey. F. V. Hayden, U. S. geologist-in-charge)

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**Webster, Francis Marion.** Biological effects of civilization on the insect fauna of Ohio. [n. p., 1897?]

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[1], 276-280 p. 24<sup>cm</sup>.

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**Aurivillius, Per Olof Christopher.** Insektlifvet i arktiska länder . . . Stockholm, 1884.

1 p. l., 405-459 p. 25<sup>1</sup>/<sub>4</sub><sup>cm</sup>.

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**McLachlan, Robert.** . . . Report on the insects (including Arachnida) collected by Captain Feilden and Mr. Hart between the parallels of 78° and 83° north latitude, during the recent Arctic expedition . . . [London, 1879]

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Extracted from the Linnean society's Journal—Zoology, vol. XIV.

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**Donovan, Edward.** Natural history of the insects of China, containing upwards of two hundred and twenty figures and descriptions, by E. Donovan . . . A new ed. brought down to the present state of the science, with systematic characters of each species, synonyms, indexes, and other additional matter, by J. O. Westwood . . . London, H. G. Bohn, 1842.

Agr 3—1248

3 p. l., 96 p. 50 col. pl. 31<sup>cm</sup>.

**Donovan, Edward.** Natural history of the insects of India, containing upwards of two hundred and twenty figures and descriptions, by E. Donovan . . . A new ed. brought down to the present state of the science, with systematic characters of each species, synonyms, indexes, and other additional matter, by J. O. Westwood . . . London, H. G. Bohn, 1842.

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**Kirby, William Forsell.** . . . Notes on some insects from Yang-tse-Kiang . . . [London] 1900.

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**Klug, Johann Christoph Friedrich.** Symbolæ physicæ. *See under* Fauna. Africa, p. 137.

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**Westwood, John Obadiah.** The cabinet of oriental entomology; being a selection of some of the rarer and more beautiful species of insects, natives of India and the adjacent islands, the greater portion of which are now for the first time described and figured. By J. O. Westwood . . . London, William Smith, 1848.

1 p. l., 2, 88 p. 42 col. pl. 30<sup>cm</sup>.

**Zincken, Julius Leopold Theodor Friedrich, called Sommer.** . . . Beitrag zur insecten-fauna von Java. Erste abtheilung, mit den figuren 1. bis. 19. Tab. xiv, xv, xvi. [n. p., 1831]

[129]—194 p. 3 col. pl. 28½<sup>cm</sup>.

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From Nova acta Acad. natur. curios. 1831. vol. xv, p. i.

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**Erichson, Wilhelm Friedrich.** Beitrag zur insecten-fauna von Vandiemensland, mit besonderer berücksichtigung der geographischen verbreitung der insecten, vom herausgeber . . . [Berlin, 1842]

83—288 p. iv—v pl. 21½<sup>cm</sup>.

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**Hudson, George Vernon.** An elementary manual of New Zealand entomology. Being an introduction to the study of our native insects. By G. V. Hudson . . . London, West, Newman, & co., 1892.

4 p. l., 128 p., 20 l. col. front., xx col. pl. 22½<sup>cm</sup>.

**Hutton, Frederick Wollaston.** . . . Catalogues of the New Zealand Diptera, Orthoptera, Hymenoptera; with descriptions of the species. By Frederick Wollaston Hutton. . . . Wellington, New Zealand, G. Didsbury, government printer, 1881.

x, 132 p. illus. 24½<sup>cm</sup>.

At head of title: Colonial museum and geological survey of New Zealand.

**Montrouzier, A.** Essai sur la faune de l'île de Woodlark ou Moiou, par le P. Montrouzier . . . Lyon, F. Dumoulin, 1857.

2 p. l., 226, 7 p. 26<sup>cm</sup>.



**Rainbow, William Joseph.** The Insecta and Arachnida of the county of Cumberland . . . [Melbourne, etc., 1898.]

[143]-150 p. 16<sup>cm</sup>.

"Reprinted from Handbook of Sydney and the county of Cumberland. For the . . . Australasian association for the advancement of science."

**Tepper, J. Gottlieb Otto.** Common native insects of South Australia. A popular guide to South Australian entomology. By J. G. O. Tepper . . . Adelaide, E. S. Wigg & son, 1890.

pt. II. 20 $\frac{1}{2}$  x 16 $\frac{1}{2}$  <sup>cm</sup>.

pt. II first published in Garden and field, vol. XII-XIII.

CONTENTS.—pt. II Lepidoptera, or Butterflies and moths. 1890.

**White, Adam.** . . . Insects. By Adam White . . . and Arthur Gardiner Butler . . . London, E. W. Janson, 1846-1874.

1 p. l., 51 p. 10 pl. 31<sup>cm</sup>. (The zoology of the voyage of H. M. S. Erebus & Terror . . . Ed. by John Richardson . . . and John Edward Gray . . . )

## EUROPE.

**Albin, Eleazar.** A natural history of English insects. Illustrated with a hundred copper plates curiously engraven from the life: and (for those who desire it) exactly coloured by the author, Eleazar Albin, painter. London, Printed for the author, and sold by W. and J. Innys, 1720.

6 p. l., 100 l. 100 col. pl. 28 $\frac{1}{2}$  <sup>cm</sup>.

**Cederhjelm, Johann.** Faunæ ingricæ prodromus exhibens methodicam descriptionem insectorum agri petropolensis præmissa mammalium, avium, amphibiorum et piscium enumeratione. Auctore Johanne Cederhielm . . . Lipsiæ, Impensis I. F. Hartknoch, 1798.

xviii, [2], 348 p. III col. pl. 22 $\frac{1}{2}$  <sup>cm</sup>.

**Cirillo, Domenico.** . . . Entomologiæ neapolitanæ specimen primum. Neapoli, 1787.

15 l. XII col. pl. 47<sup>cm</sup>.

Engr. t. p. & engr. dedication.

At head of title: "Dominici Cyrilli" . . .

**Curtis, John.** British entomology; being illustrations and descriptions of the genera of insects found in Great Britain and Ireland: containing coloured figures from nature of the most rare and beautiful species and in many instances of the plants upon which they are found. By John Curtis . . . London, Printed for the author, 1824-39.

16 v. 769 (i. e. 770) col. pl. 26<sup>cm</sup>.

**Curtis, John.** A guide to an arrangement of British insects; being a catalogue of all the named species hitherto discovered in Great Britain and Ireland. By John Curtis . . . London, Printed for the author, 1829.

vi p., 256 col., [1] p. 21 $\frac{1}{2}$  <sup>cm</sup>.

Agr 3-152

**Donovan, Edward.** The natural history of British insects; explaining them in their several states, with the periods of their transformations, their food, æconomy, &c. together with the history of such minute insects as require investigation by the microscope. The whole illustrated by coloured figures, designed and executed from living specimens. By E. Donovan. London, Printed for the author, and for F. & C. Rivington, 1792-1813.

16 v. DLXXXVI col. pl. 24<sup>cm</sup>.

Vol. 2-16, Printed for the author, and for F. C. and J. Rivington.

Agr 3-1131

**Duftschnid, Kaspar.** Fauna Austriæ, oder Beschreibung der österreichischen insecten für angehende freunde der entomologie Von Kaspar Duftschnid . . . Linz und Leipzig, Im verlag der K. K. Priv. Akademischen kunst-, musik-, und buchhandlung, 1805-25.

3 v. 13<sup>cm</sup>.

Agr 5-144

**Förster, Arnold.** Der Lousberg bei Aachen, eine naturhistorische skizze . . . [Aachen, 1871]

[3]—50 p. 25 x 20<sup>mm</sup>.

From Programm der Realschule erster ordnung zu Aachen, für das schuljahr 1870/71.

**Fourcroy, Antoine François de.** Entomologia Parisiensis, sive Catalogus insectorum quæ in agro parisiensi reperiuntur; secundum methodum Geoffræanum in sectiones, genera & species distributus: cui addita sunt nomina trivialis & fere trecentæ novæ species. Edente A. F. de Fourcroy . . . Parisiis, 1785.

2 v. in 1. 14½<sup>mm</sup>.

Paged continuously; pt. 1: vii, [1], 231 p.; pt. 2: [233]—544 p.

**Frisch, Johann Leonhard.** . . . Beschreibung von allerley insecten in Teutschland, nebst nützlichen anmerkungen und nöthigen abbildungen von diesem kriechenden und fliegenden inländischen gewürme, zur bestätigung und fortsetzung der gründlichen entdeckung, so einige von der natur dieser creaturen hrsg., und zur ergänzung und verbesserung der andern . . . Berlin, C. G. Nicolai, 1721—38.

13 pts. in 1 v., illus., plates (partly fold.) 21<sup>mm</sup>.

At head of title: Joh. Leonhard Frisch.

1 th. is [Ed. 2].

**[Geoffroy, Étienne Louis]** Histoire abrégée des insectes qui se trouvent aux environs de Paris; dans laquelle ces animaux sont rangés suivant un ordre méthodique . . . Paris, Durand, 1762.

2 v. xxii pl., fold. tab. 26<sup>mm</sup>.

**Harris, Moses.** Exposition of English insects including the several classes of Neuroptera, Hymenoptera, & Diptera, or bees, flies, & Libellulæ. Exhibiting on 51 copper plates near 500 figures, accurately drawn, & highly finished in colours, from nature. The whole minutely described, arranged, & named, according to the Linnean system, with remarks. The figures of a great number of moths, not in the Aurelian collection, formerly published by the same author, and a plate with an explanation of colours, are likewise given in the work. By Moses Harris. London, Sold by Mr. White & Mr. Robson, 1782.

2 p. l., viii, [9]—166, [4] p. 52 pl. (51 col.) 30<sup>mm</sup>.

Engr. t.-p.

Added title: Exposition des insectes qui se trouvent en Angleterre . . . par Moyse Harris. Londres, Chez B. White et J. Edwards, 1786.

Text in English and French.

**Heeger, Ernst.** Beiträge zur naturgeschichte der insecten. Als beiträge zur fauna Oesterreichs . . . Von Ernst Heeger . . . [Wien, 1851] Agr 3—1060—1077

1 p. l., 33 p. xi (i. e. 12) pl. 23<sup>mm</sup>.

Aus dem juni-u. juli-hefte des jahrganges 1851 der Sitzungsberichte der math.-naturw. classe der Kais. Akademie der wissenschaften besonders abgedruckt.

— Beiträge zur naturgeschichte der physopoden (blasenfüsse). Von Ernst Heeger . . . [Wien, 1852] Agr 3—1060—77

20 p. x fold. pl. 23<sup>mm</sup>

Aus dem jahrgange 1852 der Sitzungsberichte der math.-naturw. classe der Kais. Akademie der wissenschaften <viii. bd.> besonders abgedruckt.

— Beiträge zur naturgeschichte der insecten. Von Ernst Heeger . . . [Wien, 1852] Agr 3—1060—77

26 p. xii—xvi pl. 23<sup>mm</sup>.

Aus dem juli-hefte des jahrganges 1852 der Sitzungsberichte der mathem.-naturw. classe der Kais. Akademie der wissenschaften <ix. bd., s. 263> besonders abgedruckt.

— Beiträge zur insecten-fauna Österreichs. Von Ernst Heeger. (5. fortsetzung . . .) [Wien, 1852] Agr 3—1060—77

20 p. xvii—xxi pl. (3 fold.) 25<sup>mm</sup>.

Aus dem octoberhefte des jahrganges 1852 der Sitzungsberichte der mathem.-naturw. classe der Kais. Akademie der wissenschaften <ix. bd., s. 473> besonders abgedruckt.

- Beiträge zur naturgeschichte der insecten. Von Ernst Heeger . . . [Wien, 1852] Agr 3—1060-77  
 11 p. iv pl. 23<sup>cm</sup>.  
 Aus dem novemberhefte des jahrganges 1852 der Sitzungsberichte der mathem.-naturw. classe der Kais. Akademie der wissenschaften <bd. ix, s. 774> besonders abgedruckt.
- — [Wien, 1853] Agr 3—1060-77  
 23 p. vi pl. 23<sup>cm</sup>.  
 Aus dem jännerhefte des jahrganges 1853 der Sitzungsberichte der mathem.-naturw. classe der Kais. Akademie der wissenschaften <x. bd., s. 7> besonders abgedruckt.
- — [Wien, 1853] Agr 3—1060-77  
 20 p. vi pl. 23<sup>cm</sup>.  
 Aus dem februarhefte des jahrganges 1853 der Sitzungsberichte der mathem.-naturw. classe der Kais. Akademie der wissenschaften <x. bd., s. 161> besonders abgedruckt.
- — [Wien, 1853] Agr 3—1060-77  
 24 p. vi pl. 23<sup>cm</sup>.  
 Aus dem aprilhefte des jahrganges 1853 der Sitzungsberichte der mathem.-naturw. classe der Kais. Akademie der wissenschaften <x. bd., s. 460> besonders abgedruckt.
- — [Wien, 1853] Agr 3—1060-77  
 24 p. vi pl. 23<sup>cm</sup>.  
 Aus dem junihefte des jahrganges 1853 der Sitzungsberichte der mathem.-naturw. classe der Kais. Akademie der wissenschaften <xi. bd., s. 24> besonders abgedruckt.
- — [Wien, 1853] Agr 3—1060-77  
 18 p. vi pl. 23<sup>cm</sup>.  
 Aus dem decemberhefte des jahrganges 1853 der Sitzungsberichte der mathem.-naturw. classe der Kais. Akademie der wissenschaften <bd. xi, s. 927> besonders abgedruckt.
- — [Wien, 1854] Agr 3—1060-77  
 16 p. v pl. 23<sup>cm</sup>.  
 Aus dem octoberhefte des jahrganges 1854 der Sitzungsberichte der mathem.-naturw. classe der Kais. Akademie der wissenschaften <bd. xiv, s. 28> besonders abgedruckt.
- — [Wien, 1854] Agr 3—1060-77  
 13 p. iv pl. 23<sup>cm</sup>.  
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 11 p. ii fold. pl. 23<sup>cm</sup>.  
 Aus dem decemberhefte des jahrganges 1854 der Sitzungsberichte der mathem.-naturw. classe der Kais. Akademie der wissenschaften <bd. xiv, s. 365> besonders abgedruckt.
- Beiträge zur naturgeschichte der insecten. Von Ernst Heeger. (15. folge . . .) [Wien, 1855] Agr 3—1060-77  
 17 p. iv pl. 24<sup>1/2</sup><sup>cm</sup>.  
 Aus dem novemberhefte des jahrganges 1855 der Sitzungsberichte der mathem.-naturw. classe der Kais. Akademie der wissenschaften <bd. xviii, s. 33> besonders abgedruckt.
- — (16. fortsetzung) Wien, Aus der Kais.- Kön. Hof- und staatsdruckerei, 1857. Agr 3—1060-77  
 22 p. vi pl. 24<sup>1/2</sup><sup>cm</sup>.  
 Aus dem aprilhefte des jahrganges 1857 der Sitzungsberichte der mathem.-naturw. classe der Kais. Akademie der wissenschaften <bd. xxiv, s. 315> besonders abgedruckt.
- — (17. fortsetzung) . . . (Vorgelegt in der sitzung vom 17. december 1857) [Wien, 1858] Agr 3—1060-77  
 100-120 p. vi pl. 24<sup>1/2</sup><sup>cm</sup>.  
 Sitzungsberichte der Kaiserlichen Akademie der wissenschaften. Mathematisch-naturwissenschaftliche classe. xxix. bd. Sitzung vom 18. märz 1858, no. 8.
- — 13. [!] fortsetzung . . . (Vorgelegt in der sitzung vom 11. november 1858) [Wien, 1859] Agr 3—1060-77  
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 Sitzungsbd. d. K. Akad. d. w. math.-naturw. cl., xxxiv bd., no. 3, 1859.
- — (19. fortsetzung) . . . (Vorgelegt in der sitzung am 7. mai 1866) [Wien, 1866] Agr 3—1060-77  
 538-542 p. iv pl. 24<sup>1/2</sup><sup>cm</sup>.  
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**Labram, J. David.** Insekten der Schweiz, die vorzüglichsten gattungen je durch eine art bildlich dargestellt von J. D. Labram. Nach anleitung und text von Dr. Ludwig Imhoff . . . Basel, Bei den verfassern, 1836-[45] Agr 5—289  
5 v. in 6. col. plates. 17½cm.  
Issued in 100 pts., 1835-45.

[**Mueller, Otto Friedrich**] Fauna insectorum fridrichsdalina, sive Methodica descriptio insectorum agri fridrichsdalensis, cum characteribus genericis et specificis, nominibus trivialibus, locis natalibus, iconibus allegatis, novisque pluribus speciebus additis. Hafniae et Lipsiae, in officina libraria I. F. Gleditschii, 1764. Agr 3—195  
xxiv, 96 p. 20cm.

**Olivier, Ernest.** Faune de l'Allier, ou Catalogue raisonné des animaux sauvages observés jusqu'à ce jour dans ce département . . . Moulins, 1883-[99]  
v. 2, pt. 1; 3, fasc. 2. 22-23cm.  
Slip pasted over date of v. 2, pt. 1, reads 1890.  
CONTENTS.—Vol. II. Annelés. 1. ptie. Coléoptères.—Tome III, fasc. 2. Hémiptères hétéroptères.

**Pallas, Peter Simon.** Icones insectorum praesertim Rossiae Sibiriaeque peculiarium quae collegit et descriptionibus illustravit Petrus Simon Pallas . . . Erlangae, sumtu W. Waltheri, 1781.  
4 p. l., 104 p. 8 col. pl. 28cm.

**Patterson, Robert.** Letters on the natural history of the insects mentioned in Shakspeare's plays. See under Miscellaneous, p. 54.

**Paykull, Gustaf von.** Gustavi Paykull . . . Fauna suecica. Insecta . . . Upsaliae, litteris J. F. Edman [1798]-1800. Agr 4—3396  
3 v. in 2. 19cm.

**Rosenhauer, Wilhelm Gottlob.** Die thiere Andalusiens nach dem resultate einer reise zusammengestellt, nebst den beschreibungen von 249 neuen oder bis jetzt noch unbeschriebenen gattungen und arten. Von Wilhelm Gottlob Rosenhauer . . . Erlangen, T. Blaesing, 1856. Agr 5—100  
viii, 429 p. iii pl. incl. front. 23cm.

**Rossi, Pietro.** Fauna etrusca, sistens insecta quae in provinciis florentina et pisana praesertim collegit Petrus Rossius . . . Helmstadii, C. G. Fleckeisen, 1795-1807.  
2 v. 20 pl. (11 col., 9 fold.) 20½cm.

Vol. 1 has title: Fauna etrusca, sistens insecta quae in provinciis florentina et pisana praesertim collegit Petrus Rossius . . . Tomus primus . . . Mantissae priore parte adiecta, iterum edita et annotatis perpetuis aucta a D. Joh. Christ. Lud. Hellwig . . .

Vol. 2 has title: Fauna etrusca sistens insecta quae in provinciis florentina et pisana praesertim collegit Petrus Rossius . . . Tomus secundus . . . Iterum edita et annotatis perpetuis aucta a D. Carolo Illiger . . .

**Samouelle, George.** The entomological cabinet; being a natural history of British insects. With plates illustrative of the principal families and genera. 2d ed. By George Samouelle. . . London, G. Henderson, 1841. Agr 3-1150  
xvi, [326] p. col. plates. 15½cm.

**Samouelle, George.** The entomologist's useful compendium; or, An introduction to the knowledge of British insects, comprising the best means of obtaining and preserving them, and a description of the apparatus generally used; together with the genera of Linné, and the modern method of arranging the classes crustacea, myriapoda, spiders, mites and insects, from their affinities and structure, according to the views of Dr. Leach. . . By George Samouelle . . . London, T. Boys, 1819.  
496 p. 12 pl. incl. front. 20cm.  
Authors quoted: p. [11]-15.

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**André, Edmond.** Species des hyménoptères d'Europe & d'Algérie, enrichi de planches coloriées donnant, d'après nature, outre un ou plusieurs specimens des insectes de chaque genre, de nombreux dessins au trait des caractères utiles à l'intelligence du texte; rédigé d'après les principales collections, les mémoires les plus récentes des auteurs et les communications des entomologistes spécialistes, par Ed. André. . . . Beaune (Côte-d'Or), Chez l'auteur, 1879-[1904]

v. 1-5, v. 5<sup>bis</sup>, p. 1\*-24\*, 337-373, v. 6-7, v. 7<sup>bis</sup>, v. 8, v. 9, p. 1-64. plates (partly col.) 25<sup>em</sup>.

Pl. VIII, XI, XII, XIII, XV of tome III not yet published.

Imprint varies: tome 4-5, Gray, Bouffaut frères; tome 7, 7<sup>bis</sup>, 8, Paris, M<sup>me</sup>. Froment-Duboscq; tome 9, Paris, A. Hermann.

Tome 4-5, 5<sup>bis</sup>, Les braconides, par le rév. T.-A. Marshall; tome 6, Les chrysides, par M. R. du Buysson; tome 7, 7<sup>bis</sup>, Monographie des cynipides, par l'abbé J.-J. Kieffer; tome 8, Les mutillides, par Ernest André; tome 9, Proctotrypidae par l'abbé J.-J. Kieffer et le rév. T. A. Marshall.

Vol. 7-9, sous la direction de Ernest André.

Contains bibliographies.

**Ashmead, William Harris.** . . . Descriptions of new genera and species of Hymenoptera from the Philippine Islands. . . . Washington, 1904.

127-158 p. II pl. 24½<sup>em</sup>.

From the Proceedings of the United States national museum, vol. XXVIII, p. 127-158 [No. 1387]

**Ashmead, William Harris.** . . . Notes on some New Zealand and Australian parasitic Hymenoptera, with descriptions of new genera and new species. . . . Sydney, 1900.

[327]-360 p. 22<sup>em</sup>.

From the Proceedings of the Linnean society of New South Wales, 1900, pt. 3, June 27th.

**Ashmead, William Harris.** . . . Notes on the Hymenoptera collected by the Bahama expedition from the State university of Iowa. . . . Iowa city, 1896.

28-32 p. 24½<sup>em</sup>.

Extract from Bull. Lab. nat. sci. State univ. Iowa, June 1896.

**Ashmead, William Harris.** Report on the parasitic Hymenoptera of the Island of Grenada, comprising the families Cynipidae, Ichneumonidae, Braconidae, and Proctotrypidae. . . . [London, 1895]

742-812 p. 22<sup>em</sup>.

From the Proceedings of the Zoological society of London, November 19, 1895.

**Aurivillius, Per Olof Christopher.** Grönlands insektfauna. See under Lepidoptera, p. 305.

**Biologia centrali-americana.** Insecta. Hymenoptera. [London, Pub. for the editors by R. H. Porter] 1883-1900.

Agr 5-502

3 v. plates (partly col.) 32<sup>cm</sup>.

Issued in parts.

Cover-titles: *Biologia centrali-americana*; or, Contributions to the knowledge of the fauna and flora of Mexico and Central America. Ed. by F. Ducane Godman and Osbert Salvin.

Aug. 1898-1900, ed. by F. Ducane Godman.

CONTENTS.—I. Families Tenthredinidæ-Chrysididæ, by P. Cameron. 1883-1900.—II. Fossores, by P. Cameron. 1888-1900.—III. Formicidæ, by Professor A. Forel. 1899-1900.

**Blackburn, Thomas.** . . . On the Hymenoptera of the Hawaiian islands. By the Rev. T. Blackburn and P. Cameron. London, 1886.

[194]-245 p. 22<sup>cm</sup>.

From the "Memoirs of the Manchester literary and philosophical society," session 1885-86, ser. 3, v. 10.

**Brischke, C. G. A.** Die hymenopteren der provinz Preussen. Von G. Brischke . . . [Königsberg, 1862-71]

Agr 4-3494

5 pts. 28<sup>cm</sup>.

From *Schriften der Königlichen physikalisch-ökonomischen gesellschaft zu Königsberg*, jahrg. 2, p. 1-87, [97]-118, jahrg. 3, p. [1]-14, jahrg. 5, p. [177]-212, jahrg. 11, p. [65]-106.

**Cameron, Peter.** . . . Description of a genus and species, probably representing a new tribe of Hymenoptera from Chili . . . Manchester [Eng.] 1899.

5 p. 22<sup>cm</sup>.

From "Memoirs and proceedings of the Manchester literary and philosophical society," session 1898-9, v. 43, pt. IV.

**Cameron, Peter.** . . . Descriptions of new genera and species of aculeate Hymenoptera from the oriental zoological region . . . [London, 1900]

[17]-41 p. 22<sup>cm</sup>.

From the *Annals and magazine of natural history*, ser. 7, vol. v., January 1900.

**Cameron, Peter.** Descriptions of new genera and species of Hymenoptera from Dunbrody, Cape Colony . . . [Grahamstown, 1904]

[125]-176 pp. 24<sup>4</sup><sup>cm</sup>.

From *Records of the Albany Museum*, vol. I, no. III.

**Cameron, Peter.** Descriptions of new genera and species of Hymenoptera from the oriental zoological region (Ichneumonidæ, Fossores, and Anthophila) London, 1902.

pt. 1. 22<sup>cm</sup>.

From the *Annals and magazine of natural history*, ser. 7, vol. IX, February 1902, p. 145-155.

**Cameron, Peter.** Descriptions of new genera and species of Hymenoptera taken by Mr. Robert Shelford at Sarawak, Borneo. [Singapore, 1903]

Agr 4-50

[89]-181 p. 25<sup>4</sup><sup>cm</sup>.

From *Journal of the Straits branch of the Royal Asiatic society*, June 1903, no. 39, p. [89]-181.

Continuation of his *On the Hymenoptera collected by Mr. Robert Shelford at Sarawak*.

**Cameron, Peter.** . . . Descriptions of three new genera and seven new species of Hymenoptera from eastern Asia and Australia . . . London, 1901.

[116]-123 p. 22<sup>cm</sup>.

From the *Annals and magazine of natural history*, ser. 7, vol. VIII, August 1901.

**Cameron, Peter.** The fauna of Scotland with special reference to Clydesdale and the western district. Hymenoptera. Glasgow, 1886.

pt. 2. 21<sup>4</sup><sup>cm</sup>.

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pt. VI-VII, IX. 2 pl. 22<sup>cm</sup>.

From the *Memoirs and proceedings of the Manchester literary and philosophical society*, v. 41, pt. IV; v. 42, pt. IV; v. 44, pt. V.

**Cameron, Peter.** A monograph of the British phytophagous Hymenoptera. . . . By Peter Cameron. London, Printed for the Ray society, 1890-93.

v. 3-4. plates (partly col.) 22<sup>4</sup><sup>cm</sup>.

Bibliography. List of the principal papers published in journals and transactions of scientific societies. For titles of complete works see v. 1, p. 321-325; v. 4, p. [208]-234.

**Cameron, Peter.** New Hymenoptera mostly from Nicaragua . . . [Habana, 1904]

46-69 p. 22½<sup>cm</sup>.

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**Cameron, Peter.** . . . Notes on a collection of Hymenoptera from Greymouth, New Zealand, with descriptions of new species . . . Manchester [Eng.] 1898.

53 p. 21½<sup>cm</sup>.

From *Memoirs and proceedings of the Manchester literary and philosophical society*, session 1897-8, v. 42, pt. 1.

**Cameron, Peter.** . . . On some new genera and species of parasitic and fossorial Hymenoptera from the Khasia Hills, Assam . . . [n. p., 1903] Agr 3-599

[173]-185, [313]-331 p. 22<sup>cm</sup>.

From the *Annals and magazine of natural history*, ser. 7, vol. xi, February-March, 1893.

**Cameron, Peter.** . . . On some new species of Hymenoptera from northern India . . . [London, 1904]

[277]-303 p. 22<sup>cm</sup>.

From the *Annals and magazine of natural history*, ser. 7, vol. xiii, April, 1904.

**Cameron, Peter.** On the Hymenoptera collected by Mr. Robert Shelford at Sarawak, and on the Hymenoptera of the Sarawak museum. [Singapore, 1902]

[29]-140 p. 25½<sup>cm</sup>.

Agr 3-122

From *Journal of the Straits branch of the Royal Asiatic society*, Jan. 1902, no. 37, p. 29-140.

**Cameron, Peter.** On the Hymenoptera collected in New Britain by Dr. Arthur Willey . . . [London] 1901.

224-248 p. 22<sup>cm</sup>.

From the *Proceedings of the Zoological society of London*, March 19, 1901.

**Costa, Achille.** Prospetto sistematico degli imenotteri italiani da servire di prodromo della imenotterologia italiana. [Napoli, 1867-94]

3 v. 7 col. pl. 27½<sup>cm</sup>. (v. 3, 26<sup>cm</sup>.)

Pte. I has no t.-p.

Pte. 2-3 have title: Prospetto degli imenotteri italiani da servire di prodromo di imenotterologia italiana per Achille Costa.

[Pte. I] published in *Annuario del Museo zoologico*, Napoli, v. 4, 5, 6.

Pte. II published in *Atti dell' Accademia reale delle scienze*, Napoli, ser. 2, v. 3.

"Opere e memorie di entomologi italiani nelle quali trattasi di imenotteri della fauna italiana": [pte. I] p. [62] (1st ser. of pages)

"Memorie di imenotterologia italiana": [pte. I] p. 29 (3d ser. of pages)

"Memorie relative ad imenotteri italiani pubblicate dal 1870 al 1886": pte. 2, p. 7-8.

"Memorie relative ad imenotteri italiani pubblicate dal 1886 al 1893": pte. 3, p. 10-11.

CONTENTS.—**Parte 1.** Sfigidei.—**Parte 2.** Pompilidei, dolichuridei, scoliidei, sapigidei, tifiidei e mutillidei. 1887.—**Parte 3.** Tentredinidei e siricidei. 1894.

**Dahlbom, Anders Gustav.** Dispositio methodica specierum scandinavicarum ad familias hymenopterorum naturales pertinentium, ab Andrea Gustavo Dahlbom . . . pt. I. Sphex in sensu Linnaeano. Lundæ, Typis excudit C. F. Berling, 1842. cover-title, 1 p. l., 16 p. fold. pl. 20½<sup>cm</sup>.

Agr 4-3420

Pages 1-16 are 25 × 20<sup>cm</sup> folded to size of book.

The work originally appeared as a dissertation in 4 pts.; it was subsequently considered as pt. I of his *Dispositio methodica specierum Hymenopterorum secundum familias insectorum naturales* . . . 1845.

**Dahlbom, Anders Gustav.** Exercitationes hymenopterologicæ . . . ad illustrandam faunam svecicam . . . Londini Gothorum, Typis Berlingianis, 1831-33.

6 pts. in 1 v. 19<sup>cm</sup>.

Agr 5-280

Paged continuously; pt. I: 2 p. l., 18 p.; pt. II: 2 p. l., 19-32 p.; pt. III: 2 p. l., 33-48 p.; pt. IV: 1 p. l., 49-72 p.; pt. V: 1 p. l., 73-79 p.

Consists of dissertations each having its own title-page, but with text and paging continuous.

Inaug.-dis.—Lund.

**Dahlbom, Anders Gustav.** Hymenoptera europaea praecipue borealia, formis typicis nonnullis specierum generumve exoticorum propter nexum systematicum associatis, per familias, genera, species et varietates disposita atque descripta ab Andrea Gustavo Dahlbom . . . Berolini, Libraria F. Nicolai, 1845-54. Agr 5-512  
2 v. XII pl., fold. tables. 20<sup>cm</sup>.

CONTENTS.—1. Sphex in sensu Linnaeano.—2. Chrysis in sensu Linnaeano.

**Dominique, J.** Contributions au catalogue des hyménoptères fouisseurs chrysidides et vespides de la Loire-Inférieure . . . [Nantes] 1901.

[505]-511 p. 25<sup>cm</sup>.

From Bulletin de la Société des sciences naturelles de l'ouest de la France, sér. 2, t. I, fasc. III-IV, décembre 1901.

**Dours, Antoine i. e. Jean Marie Antoine.** Catalogue synonymique des hyménoptères de France, par A. Dours . . . Amiens, Impr. de Lenoel-Herouart, 1874.

2 p. l., 129, [1] p. 22<sup>cm</sup>.

Agr 3-332

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**Du Buysson, Robert, vicomte.** Hyménoptères récoltés au Japon par M. J. Harmand . . . [Paris] 1903.

3 p. 24<sup>cm</sup>.

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**Emery, Carlos.** . . . Estudios sobre las hormigas de Costa Rica. San José, Tipografía nacional, 1894.

1 p. l., 45-67 p. 1 l., 11 pl. 28½<sup>cm</sup>.

At head of title: Ministerio de fomento.

Nota:—Estas páginas fueron tiradas para los Anales del Museo nacional de 1888 á 1889.—El resto de los trabajos correspondientes á este tomo se publicó en los Anales del Instituto físico-geográfico.

**Fox, William J.** . . . Report on some Mexican Hymenoptera, principally from Lower California . . . [San Francisco] 1893.

25 p. 24½<sup>cm</sup>.

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**Fox, William J.** Report on the Hymenoptera collected in West Greenland. . . . [Philadelphia] 1892.

133-135 p. 24<sup>cm</sup>.

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**Fox, William J.** Second report on some Hymenoptera from Lower California, Mexico . . . [San Francisco] 1894.

92-121 p. 24½<sup>cm</sup>.

From the Proceedings of the California academy of sciences, ser. 2, vol. IV, April 19, 1894.

**Froggatt, Walter Wilson.** . . . Catalogue of the described Hymenoptera of Australia . . . [Sydney] 1890-92.

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**Holmberg, Eduardo Ladislao.** Delectus hymenopterologicus argentinus; hymenopterorum argentinorum et quorundam exoticorum observationes synonymicas, addendas, novorumque generum specierumque descriptiones continens . . . [Buenos Aires, Impr. de J. A. Alsina, 1903]

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**Kirby, William Forsell.** Descriptions of new species of Hymenoptera collected by Mr. Ogilvie-Grant and Dr. Forbes in the islands of Sokotra and Abd-el-Kuri . . . [Liverpool] 1900.

[13]—24 p. 26<sup>cm</sup>.

Reprinted from Bull. Liverp. Mus., vol. III, no. 1 (15th August, 1900)

**Kirby, William Forsell.** Hymenoptera . . . [London, 1896]

[203]—209 p. 25<sup>1</sup>/<sub>2</sub><sup>cm</sup>.

Reprinted from the Report of the Horn expedition to Central Australia, pt. I.—Narrative, etc. September, 1896.

**Kirchner, Leopold Anton.** Catalogus hymenopterorum Europae. Auctore Leop. Kirchner . . . (Hrsg. von der K. K. Zool.-botan. gesellschaft in Wien) Vindobonae, Propriis expensis Societatis zoologico-botanicae, 1867. Agr 3—791

2 p. l., 285 p. 22<sup>cm</sup>.

**Kirchner, Leopold Anton.** Verzeichniss der in der gegend von Kaplitz, Budweiser kreises in Böhmen, vorkommenden aderflügler . . . [Wien, 1854] Agr 3—792  
32 p. 22<sup>cm</sup>. [With his Catalogus hymenopterorum Europae]

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**McGregor, Thomas M.** Notes on the aculeate Hymenoptera, with a list of the wild bees and wasps collected in Perthshire in 1887. [Perth, 1888]

65—72 p. 22<sup>cm</sup>.

From the Transactions and proceedings of the Perthshire society of natural science, vol. I, pt. II, 1887—88.

**Nees von Esenbeck, Christian Gottfried.** Hymenopterorum ichneumonibus affinium monographiae, genera europaea et species illustrantes. Scripsit Christ. Godofr. Nees ab Esenbeck . . . Stuttgartiae et Tubingae, Sumptibus J. G. Cottae, 1834. Agr 5—149

2 v. 21<sup>1</sup>/<sub>2</sub><sup>cm</sup>.

**Panzer, Georg Wolfgang Franz.** Entomologischer versuch die Jürineschen gattungen der Linnéschen hymenoptern nach dem Fabrziusschen system zu prüfen: im bezug auf die in der deutschen insektenfaune bekannt gemachten gattungen und arten dieser klasse, von Dr. Georg Wolfg. Franz Panzer . . . Nürnberg, In der Felseckerschen buchhandlung, 1806.

8 p. l., 271 p. 2 col. pl. 18<sup>cm</sup>. (Added t.-p.: Kritische revision der insektenfaune Deutschlands nach dem system bearb. von Dr. Georg Wolfg. Franz Panzer. I-c. hft. II. bändchen. )

**Panzer, Georg Wolfgang Franz.** Faunae insectorum germanicae initia oder Deutschlands insecten gesammelt und hrsg. von D. Georg Wolfgang Franz Panzer. . . . Classis iv. Piezata. Nürnberg, In der Felseckerschen buchhandlung, 1801.

3 v. col. plates. 10 x 14<sup>cm</sup>.

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**Radoshkovskii, Octavii Ivanovich.** Comte [!]-rendu des hyménoptères recueil- lis en Égypte et Abyssinie en 1873. Par général d'artillerie O. Radoszkowsky. [St. Petersburg, 1876—77]

40 p. 24<sup>1</sup>/<sub>2</sub><sup>cm</sup>.

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Extracted from the Linnean society's Journal—zoology, vol. xxv.

**Saunders, Edward.** The Hymenoptera Aculeata of the British islands. A descriptive account of the families, genera, and species indigenous to Great Britain and Ireland, with notes as to habits, localities, habitats, etc. By Edward Saunders, F. L. S. London, L. Reeve & co., 1896.

xii, 391, [1] p., 54 l. 52 (4. c. 54) pl. (51 col.) 26<sup>cm</sup>.

**Saussure, Henri de.** Hymenoptera. Familien der vespiden, sphegiden, pompileden, crabroniden und heterogynen. Bearb. von Dr. Henri de Saussure . . . [Wien, 1867] Agr 5—643

156 p., 4 l. 4 pl. 30½ cm. (Novara-expedition—Zoologischer theil. Bd. II [abt 2])

"Hymenoptera fossoria et mellifera. Supplement von J. Sichel": p. 139—156.

**Savigny, Marie Jules César Lelorgne de.** [Iconographie des insectes de l'Égypte] Hyménoptères, par J.-Cés. Savigny. [Paris, 1805—13]

20 pl. 71<sup>cm</sup>.

From Description de l'Égypte: Histoire naturelle, tome I, Zoologie. Published by French Commission des monuments de l'Égypte.

**Schøyen, Wilhelm Maribo.** Supplement til H. Siebke's Enumeratio insectorum norvegicorum, fasc. v, pars I (Hymenoptera Phytophaga et Aculeata) . . . Christiania, 1887.

11 p. 24<sup>cm</sup>.

From Christiania Videnskabselskabs, Forhandlingar 1887, no. 5.

**Schrottky, Curt.** Hyménoptères nouveaux de l'Amérique méridionale . . . Buenos Aires, 1902.

[309]—314, [1] p. 27<sup>cm</sup>.

From Anales del Museo nacional de Buenos Aires, t. VII.

**Schrottky, Curt.** Neue argentinische hymenopteren . . . Buenos Aires, 1902.

[91]—117 p. 27<sup>cm</sup>.

From Anales del Museo nacional de Buenos Aires, t. VIII (ser. 3<sup>a</sup>, t. I)

**Smith, Frederick.** Catalogue of British fossorial Hymenoptera, Formicidæ, and Vespidæ, in the collection of the British museum. By Frederick Smith, V. P. E. S. London, Printed by order of the trustees, 1858.

2 p. l., 286 p. VI pl. 18½<sup>cm</sup>.

**Smith, Frederick.** List of the specimens of British animals in the collection of the British museum. Part VI. Hymenoptera Aculeata. London, Printed by order of the trustees, 1851. Agr 3—816

2 p. l., 134 p. 18<sup>cm</sup>.

**Smith, Frederick.** List of the specimens of British animals in the collection of the British museum. Part XIII. Nomenclature of Hymenoptera. London, Printed by order of the trustees, 1853. Agr 3—817

2 p. l., 74 p. 18<sup>cm</sup>.

Printed on one side of leaf only.

**Taschenberg, Ernst Ludwig.** Die hymenopteren Deutschlands nach ihren gattungen und theilweise nach ihren arten als wegweiser für angehende hymenopterologen und gleichzeitig als verzeichniss der Halle'schen hymenopterenfauna analytisch zusammengestellt von Dr. E. L. Taschenberg . . . Leipzig, E. Kummer, 1866.

vi, 277 p. 21½<sup>cm</sup>.

Slip pasted over imprint reads: Bremen, Verlag von M. Heinsius.

**Thomson, Carl Gustaf.** Hymenoptera Scandinaviæ, auctore C. G. Thomson . . . Lundæ, Typis expressit H. Ohlsson, 1871—78. Agr 4—1774

5 v. in 3. plates. 32<sup>cm</sup>.

Added t.-p. in Swedish.

Vol. 2-3 printed by F. Berling.

**Trail, James William Helenus.** The gall-making Hymenoptera of Scotland (exclusive of those that live on oaks) . . . [Perth, 1888]

72—90 p. 22<sup>cm</sup>.

From the Transactions and proceedings of the Perthshire society of natural science, vol. I, pt. II, 1887—88.



## FAMILIES.

## TENTHREDINIDÆ.

**Boas, Johan Erik Vesti.** Det store bladhpvepseangreb paa lærkene i almindingen 1839-47. [Kjøbenhavn] 1897.

[52]-64 p. 30<sup>mm</sup>.

Særtryk af Tidsskrift for skovvæsen IX, A, 1897.

**Bos, Jan Ritzema.** . . . Mittel zur bekämpfung der Lophyrus-arten . . . [München] 1895.

[175]-176 p. 23½<sup>mm</sup>.

Sonder-abdruck aus der "Forstlich-naturwissenschaftlichen zeitschrift," 4. hft., 1895.

**Brischke, C. G. A.** Beobachtungen über die arten der blatt- und holzwespen, von C. G. A. Brischke . . . und Dr. Gustav Zaddach . . . [Königsberg, 1863-84]

2 v. col. plates. 26 x 20½<sup>mm</sup>. (v. 2, 25<sup>mm</sup>.)

Agr 5-506

Imprint of 2. abth.: Danzig, 1883.

1 abth. has no general t.-p. or continuous paging, but consists of papers published in Schriften der Physikalisch-ökonomischen gesellschaft zu Königsberg, jahrg. III-XXIV, 1862-83, pub. 1863-84.

**Brischke, C. G. A.** Ueber parthenogenesis bei den blattwespen . . . [Danzig, 1887]

168-172 p. 35½<sup>mm</sup>.

From Schriften der Naturforschenden gesellschaft in Danzig, bd. 6, hft. 4, p. 168-172.

**Cameron, Peter.** . . . Memoirs of Scottish Tenthredinidæ . . . [Perth, 1873]

no. 1. col. pl. 23<sup>mm</sup>.

From the "Scottish naturalist," 1873, vol. II, p. 11-15.

CONTENTS.—No. 1. *Nematus gallicola*.

**Fallén, Karl Fredrik, præses.** Monographia tenthredinidum Sueciæ. Quorum descriptionem venia ampl. facult. philos. Acad. lund. præside Carol. Fred. Fallén . . . pro laurea publicæ disquisitioni subjicit Sveno Ludov. Lovén . . . Londini Gothorum, ex officina Berlingiana, 1829.

Agr 3-781

1 p. l., 48 p. 18½<sup>mm</sup>.

**Förster, Arnold.** Neue blattwespen . . . [Bonn, 1854]

265-350 p. 4 pl. 21½<sup>mm</sup>.

From Verhandlungen des Naturhistorischen vereines der Rheinlande. 1854, jahrg. 11.

**Frauenfeld, Georg, ritter von.** Weitere mittheilung über die rapswespe . . . [Wien] 1866.

[840]-844 p. 22½<sup>mm</sup>.

From Verhandlungen der K. K. Zoologisch-botanischen gesellschaft in Wien, bd. xvi.

**Froggatt, Walter Wilson.** . . . Descriptions of a new genus and two new species of Tenthredinidæ . . . [Sydney] 1890.

[487]-490 p. 22<sup>mm</sup>.

From vol. v (ser. 2nd) of the "Proceedings of the Linnean society of New South Wales" (30th July, 1890)

**Froggatt, Walter Wilson.** . . . Notes on the life-history of certain saw flies (genus *Perga*), with description of a new species . . . [Sydney] 1890.

[283]-288 p. 22<sup>mm</sup>.

From vol. v (ser. 2nd) of the "Proceedings of the Linnean society of New South Wales" (28th May, 1890)

**Great Britain—Board of agriculture.** . . . The gooseberry saw-fly (*Nematus ribesii*). [London, 1893]

[65]-67 p. illus. 24½<sup>mm</sup>. (*Its* [Leaflet], 1893, [no.] 12)

— — — [London, 1898]

3, [1] p. illus. 21½<sup>mm</sup>. (*Its* Leaflet, no. 12)

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**Baudry des Lozières, Louis Narcisse.** A memoir on animal cotton, or the insect fly-carrier . . . [Philadelphia, 1802]

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CONTENTS.—Pars I, continens generalia de ichneumonidibus. ichneumones, supplementa, indices et tabulas duas lapidi incisas.—Pars II, continens tryphones, trogos, alomyas et cryptos.—Pars III, continens pimplas, motopios, bassos, banchos, ophiones, hellwigias, acænitæ, xoridas, et supplementa.

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CONTENTS.—Fasc. 1-11. Allgemeine eintheilung. Die gattungen der joppinen, ichneumoninen, listrodrominen, heresiarchinen, gyrodonitinen und alomyinen. Bestimmungstabelle der paläarktischen arten der gattung Ichneumon.

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**Shufeldt, Robert Wilson.** Some facts about wasps and bees. *See under* Anthophila, p. 178.

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**Cowan, Thomas William.** The honey bee: its natural history, anatomy, and physiology. By T. W. Cowan . . London, Houlston & sons [1890] Agr 5—511  
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2 pts. x pl. 18<sup>cm</sup>.

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Agr 4-3505

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- Henshaw, Samuel.** List of the Coleoptera of America, north of Mexico, by Samuel Henshaw. Philadelphia, American entomological society, 1885.  
2 p. l., 161 p. 23<sup>4</sup><sup>mm</sup>.  
— Third supplement . . . Philadelphia, American entomological society, 1895.  
2 p. l., 62 p. 24<sup>cm</sup>.  
"The present supplement . . . includes all the additions and corrections contained in the first and second supplements; also such as have been noted since May, 1889. The species are numbered continuously with the List."
- Horn, George Henry.** Descriptions of new North American Coleoptera, in the cabinet of the Entomological society of Philadelphia . . . [Philadelphia, 1861]  
1 p. col. pl. 20<sup>4</sup>-24<sup>4</sup><sup>mm</sup>.  
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- Hubbard, Henry Guernsey.** The Coleoptera of Michigan. By H. G. Hubbard and E. A. Schwarz . . . [Philadelphia, 1878]  
[598]-669 p. pl. 24<sup>4</sup><sup>mm</sup>.  
From the Proceedings of the American philosophical society. vol. XVII.  
CONTENTS.—1. Descriptions of new species. By J. L. Le Conte.—2. List of Coleoptera found in the Lake Superior Region. By H. G. Hubbard and E. A. Schwarz.—3. Contribution to a list of the Coleoptera of the lower peninsula of Michigan. By H. G. Hubbard and E. A. Schwarz.—4. Description of the larva of *Micromalthus debilis* Lec. By H. G. Hubbard.
- Knaus, Warren.** Additions to the list of Kansas Coleoptera . . . [Topeka, 1898]  
18-20 p. 23<sup>4</sup><sup>mm</sup>.  
From the Transactions of the Kansas academy of science, v. 15.

**Le Conte, John Lawrence.** Additions to the coleopterous fauna of northern California and Oregon . . . [Philadelphia, 1860]

281-292 p. 23 $\frac{1}{2}$ cm.

From the Proceedings of the Academy of natural sciences of Philadelphia. 1859.

**Le Conte, John Lawrence.** Additions to the coleopterous fauna of the United States. no. 1 . . . [Philadelphia, 1866]

361-394 p. 24 $\frac{1}{2}$ cm.

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pt. 3. 30 $\frac{1}{2}$ cm.

From Journal of the Academy of natural sciences, 2d ser., vol. II, Oct., 1851.

Pts. [1-2, 4] contained in Journal of the Academy of natural sciences, 2d ser., vol. I, p. 311-340, vol. II, p. 5-38, 139-178.

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69-90 p. 24cm.

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9-42 p. pl. 33cm.

From Journ. Acad. nat. sci., Vol. IV. No. 1, Nov., 1858.

**Le Conte, John Lawrence.** . . . Classification of the Coleoptera of North America. Prepared for the Smithsonian institution by John L. Le Conte and George H. Horn. Washington, Smithsonian institution, 1883.

Agri 5-169

xxxviii, 567 p. illus. 24cm. (Smithsonian miscellaneous collections. vol. 26)

"References for specific identification. By Samuel Henshaw": p. 535-552.

**Le Conte, John Lawrence.** . . . The Coleoptera of Kansas and eastern New Mexico. By John L. Le Conte, M. D. <Accepted for publication, October, 1859.> Washington City, Published by the Smithsonian institution, 1859.

cover-title, vi, 58 p. front. (map), 2 pl. 33cm. (Smithsonian contributions to knowledge. [Vol. XI])

**Le Conte, John Lawrence.** . . . The Coleoptera of the Alpine regions of the Rocky mountains . . . Washington, 1878.

2 pts. 22 $\frac{1}{2}$ cm.

At head of title: Author's edition. Department of the interior. United States geological and geographical survey.

Extracted from the Bulletin of the Survey, vol. IV, no. 2, vol. V, no. 3.

**Le Conte, John Lawrence.** Coleoptera of the U. S. Coast survey expedition to Alaska, under charge of Mr. George Davidson . . . [n. p., 1868 ?]

59-64 p. 26cm.

**Le Conte, John Lawrence.** . . . Description of new species of Coleoptera, chiefly collected by the United States and Mexican boundary commission, under Major W. H. Emory . . . [Philadelphia, 1858]

[59]-89 p. 22 $\frac{1}{2}$ cm.

From the Proceedings of the Academy of natural sciences, March, 1858.

**Le Conte, John Lawrence.** Descriptions of new species of Coleoptera, from California . . . [New York, 1851]

[125]-216 p. 22cm.

From Annals of the Lyceum of natural history of New York. vol. V.

**Le Conte, John Lawrence.** Descriptions of new species of North American Coleoptera. By Dr. Jno. L. Le Conte and Dr. Geo. H. Horn . . . [Topeka, 1881]

4 p. 23 $\frac{1}{2}$ cm.

From Transactions Kansas academy of science, vol. VII.

**Le Conte, John Lawrence.** List of Coleoptera collected in the mountains of Lycoming county, Pa. . . . [Philadelphia, 1866]

346-348 p. 24 $\frac{1}{2}$ cm.

From the Proceedings of the Academy of natural sciences of Philadelphia. 1866.

**Le Conte, John Lawrence.** List of Coleoptera collected near Fort Whipple, Arizona, by Dr. Elliott Coues, U. S. A., in 1864-65 . . . [Philadelphia, 1866]

348-349 p. 24 $\frac{1}{2}$ cm.

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**Le Conte, John Lawrence.** . . . List of the Coleoptera of North America. Prepared for the Smithsonian institution. By John L. Le Conte, M. D. . . . Washington, Smithsonian institution, 1866.

pt. 1. 24cm. (Smithsonian miscellaneous collections. 140 [vol. vi])

**Le Conte, John Lawrence.** New species of Coleoptera inhabiting the Pacific district of the United States. [Philadelphia, 1861]

338-359 p. 23 $\frac{1}{2}$ cm.

From the Proceedings of the Academy of natural sciences of Philadelphia. 1861.

**Le Conte, John Lawrence.** . . . New species of North American Coleoptera. Prepared for the Smithsonian institution by John L. Le Conte, M. D. . . . Washington, Smithsonian institution, 1873.

pt. 2. 24 $\frac{1}{2}$ cm. (Smithsonian miscellaneous collections. 264 [vol. xi])

**Le Conte, John Lawrence.** . . . Report upon insects collected on the Survey . . . [Washington, 1859]

72 p. 11 pl. 28 $\frac{1}{2}$ cm. [Reports of explorations and surveys to ascertain the most practicable and economical route for a railroad from the Mississippi River to the Pacific Ocean. Made under the direction of the Secretary of War, in 1853-5, according to acts of Congress of March 3, 1853, May 31, 1854, and August 5, 1854. Supplement to vol. 1. Zoological report no. 1]

**Melsheimer, Friedrich Ernst.** Catalogue of the described Coleoptera of the United States. By Friedrich Ernst Melsheimer, M. D. Rev. by S. S. Haldeman and J. L. Le Conte . . . Washington, Smithsonian institution, 1853.

Agr 5-528

xvi, 174 p. 23cm.

"Authorities": p. [xi]-xv.

**Rivers, John James.** Contributions to the larval history of Pacific coast Coleoptera. By J. J. Rivers . . . Sacramento, J. J. Ayers, Supt. state printing, 1886.

10 p. illus. 23cm.

"A new series of Californian Coleoptera. By J. J. Rivers": p. 9-10.

**Schwarz, Eugene Amandus.** The Coleoptera of Florida. By E. A. Schwarz. With additional descriptions of new species, by John L. Le Conte, M. D. [Philadelphia, 1878]

353-472 p. 24 $\frac{1}{2}$ cm.

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**Schwarz, Eugene Amandus.** Coleoptera of the expedition . . . [New York] 1900.

169-185 p. 25 $\frac{1}{2}$ cm. (Papers from the Harriman Alaska expedition. xviii. Entomological results (12))

Originally published in Proceedings of the Washington academy of sciences. vol. ii, pp. 523-537, December 20, 1900.

**Snow, Francis Huntington.** List of Coleoptera collected in Colorado in June, July and August, 1876, by the Kansas university scientific expedition . . . [Lawrence, Kansas, 1877]

4-6 p. 30 $\frac{1}{2}$ cm.

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**Summers, S. V.** Catalogue of the Coleoptera from the region of Lake Pontchartrain, La. . . . [Buffalo, 1874]

78-99 p. 23cm.

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**Ulke, Henry.** . . . A list of the beetles of the District of Columbia . . . Washington, 1902.

1 p. l., 57 p. 24<sup>mm</sup>.

From the Proceedings of the United States national museum, vol. xxv, pages 1-57. <no. 1275>

**Wickham, Henry Frederick.** The beetles of southern Arizona . . . Iowa City, Iowa, 1898.

295-312 p. 24<sup>mm</sup>.

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**Wickham, Henry Frederick.** A catalogue of the Coleoptera of Colorado . . . Iowa City, Iowa, 1902.

[217]-310 p. 24<sup>mm</sup>.

From Bulletin from the Laboratories of natural history of the State university of Iowa, vol. v, no. 3.

**Wickham, Henry Frederick.** Coleoptera [of Iowa] [Des Moines, 1894]

45-51 p. 23<sup>mm</sup>.

Part of the "Report of the Committee on state fauna. By C. C. Nutting, chairman."

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**Wickham, Henry Frederick.** The Coleoptera of the lower Rio Grande valley . . . [Iowa City, Iowa] 1897.

96-115 p. 24<sup>mm</sup>.

(Author's edition) Extracted from Bulletin from the Laboratories of natural history of the State university of Iowa. vol. iv, no. 2.

**Wickham, Henry Frederick.** . . . A list of Coleoptera from the southern shore of Lake Superior, with remarks on geographical distribution . . . Davenport, Iowa, 1896.

[125]-169 p. 23<sup>mm</sup>.

Extracted from vol. vi, Proceedings of the Davenport academy of natural sciences, Davenport, Iowa.

**Wickham, Henry Frederick.** A list of some Coleoptera from the northern portions of New Mexico and Arizona . . . [Iowa City, Ia., 1896]

158-171 p. 23<sup>mm</sup>.

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**Wickham, Henry Frederick.** A list of the Coleoptera of Iowa City and vicinity. By H. F. Wickham. [Iowa City, Iowa, 1888]

81-92 p. 23<sup>mm</sup>.

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[36]-40 p. 24<sup>mm</sup>.

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**Wickham, Henry Frederick.** Notes on the Coleoptera of the southwest. Iowa City, Iowa, 1888.

92-96 p. 23<sup>mm</sup>.

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**Wickham, Henry Frederick.** Report on an entomological reconnoissance of southern Alaska and adjacent portions of British Columbia . . . [Iowa City, Iowa, 1893]

[202]-233 p. 2 maps. 23<sup>mm</sup>.

From Bulletin from the Laboratories of natural history of the State University of Iowa. vol. ii, no. 3.

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**Acloque, A.** . . . Faune de France, contenant la description de toutes les espèces indigènes disposées en tableaux analytiques et illustrée de figures représentant les types caractéristiques des genres et des sous-genres, avec une préface par Edmond Perrier . . . Coléoptères . . . Paris, J.-B. Baillière et fils, 1896.

2 p. l., 466 p. illus. 18<sup>mm</sup>.



**Alluaud, Ch.** Deux coléoptères nouveaux du sud-est de Madagascar . . . [Paris] 1899.

2 p. 23<sup>cm</sup>.

Extrait du Bulletin du Muséum d'histoire naturelle, 1899, n° 7, p. 366-367.

**Alluaud, Ch.** Trois coléoptères nouveaux pour la faune malgache . . . [Paris] 1900.

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Extrait du Bulletin du Muséum d'histoire naturelle, 1900, n° 1, p. 17-18.

**Atkinson, Edwin T.** Catalogue of the insects of the oriental region . . . Order Coleoptera . . . no. 4-12. Calcutta, 1891.

127-265, xxv p. 23<sup>cm</sup>.

From the Journal of the Asiatic society of Bengal, vol. LIX, pt. II, 1890. Supplement, no. 2.

**Aurivillius, Per Olof Christopher.** Förteckning öfver en samling Coleoptera och Lepidoptera. See under Lepidoptera, p. 305.

**Aurivillius, Per Olof Christopher.** . . . Insekter insamlade på Kamarun-berget af G. Valdauf och K. Knutson. I. Coleoptera: Cetoniidae et Lucanidae . . . Stockholm, 1886.

18 p. illus. 22<sup>cm</sup>.

Bihang till K. Svenska vet.-akad. Handlingar. bd. 12, afd. iv, N:o 1.

**Aurivillius, Per Olof Christopher.** Lepidoptera och Coleoptera. See under Lepidoptera, p. 306.

**Baer, G. A.** Catalogue des coléoptères des Îles Philippines. Par M. G.-A. Baer. [Paris, 1886]

Agr 4-3417

[97]-200 p. 21<sup>cm</sup>.

Caption title.

From the Annales de la Société entomologique de France, July, 1886.

**Bau, Alexander.** . . . Handbuch für käfer-sammler. Beschreibung der in Deutschland, Oesterreich-Ungarn und der Schweiz vorkommenden coleopteren. Von Alexander Bau. . . . Magdeburg, Creutz'sche verlagsbuchhandlung (R. & M. Kretschman), 1888.

Agr 4-3478

iv, 494 p. illus. 20½<sup>cm</sup>. (On cover: Handbuch für insekten-sammler von Alexander Bau, bd. II)

Cover-title: . . . Die käfer. Beschreibung aller in Deutschland, Oesterreich-Ungarn und der Schweiz vorkommenden coleopteren, in systematischer und analytischer, zum selbstbestimmen geeigneter anordnung . . .

**Bedel, Louis.** . . . Faune des coléoptères du bassin de la Seine, par Louis Bedel . . . Paris, Société entomologique de France, 1881-1901.

v. 1, 5-6. 2 pl. 21½<sup>cm</sup>.

At head of title: Annales de la Société entomologique de France. Publication hors série.

For dates and manner of issue see Catalogue of the books . . . in the British museum (Natural history)

**Berg, Carlos.** Coleópteros de la Tierra del Fuego, coleccionados por el Sr. Carlos Backhausen. . . . [Buenos Aires] 1899.

[57]-65 p. 24<sup>cm</sup>.

From Comunicaciones del Museo nacional de Buenos Aires, t. 1, no. 3.

**Bestimmungs-tabellen der europäischen coleopteren.** I-XXX. . . . Wien, 1879-94. 31 nos. 22½<sup>cm</sup>.

Place of publication varies.

Library also has 2d ed. of II and III.

**Biologia centrali-americana.** Insecta. Coleoptera . . . [London, Pub. for the editors by R. H. Porter] 1879-1905.

v. 1, pt. 1-2; v. 2, pt. 1-2; v. 3, pt. 1-2; v. 4, pt. 1-2, pt. 3, p. 1-168, pt. 4, p. 1-528, pt. 6, p. 1-298; v. 5; v. 6, pt. 1-2, sup. to pt. 1; v. 7. plates (partly col.) 32½<sup>cm</sup>.

Issued in parts.

Cover-title: Biologia centrali-americana; or, Contributions to the knowledge of the fauna and flora of Mexico and Central America. Ed. by F. Ducane Godman and Osbert Salvin.

Aug. 1898-1905, ed. by F. Ducane Godman.

CONTENTS.—vol. I, pt. 1. Adephaga, by H. W. Bates. 1881-84.—vol. I, pt. 2. Adephaga (continued), by D. Sharp. 1882-87.—vol. II, pt. 1. Pselaphidae, etc., by D. Sharp, A. Matthews, and G. Lewis.

1887-1905.—vol. II, pt. 2. Pectinicornia and Lamellicornia, by H. W. Bates. 1886-90.—vol. III, pt. 1. Serricornia. Buprestidæ, by C. O. Waterhouse; Throscidæ and Eucnemidæ, by G. Horn (with a supplement by G. C. Champion); Elateridæ-Dascillidæ, by G. C. Champion. 1882-1905.—vol. III, pt. 2. Malacodermata, by the Rev. H. S. Gorham. 1880-86.—vol. IV, pt. 1-2. Heteromera, by G. C. Champion. 1884-93.—vol. IV, pt. 3 (not yet complete) Rhynchophora, by D. Sharp. 1889-91.—vol. IV, pt. 4 (not yet complete) Rhynchophora, by G. C. Champion. 1902-05.—vol. IV, pt. 6 (not yet complete) Rhynchophora, by D. Sharp and W. F. H. Blandford. 1895-1905.—vol. V. Longicornia, by H. W. Bates. 1879-86.—vol. VI, pt. 1 and supplement. Phytophaga, by M. Jacoby. 2 v. 1880-92.—vol. VI, pt. 2. Phytophaga. Hispidæ, by J. S. Baly, with an appendix by G. C. Champion; Cassididæ, by G. C. Champion. 1885-94.—vol. VII. Erotylidæ, Endomychidæ, and Coccinellidæ, by the Rev. H. S. Gorham. 1887-99.

**Blackburn, Thomas.** . . . Memoirs on the Coleoptera of the Hawaiian islands. By the Rev. T. Blackburn, B. A., and Dr. D. Sharp. . . Dublin, Royal Dublin society, 1885.

Agr 3—981

cover-title, 119-300 p. iv-v pl. 29<sup>cm</sup>. (The Scientific transactions of the Royal Dublin society. vol. III. (series II))

**Blackburn, Thomas.** . . . Notes on Australian Coleoptera, with descriptions of new species. . . [Sydney] 1890-94.

pt. ix, xiii-xv. 21½-23<sup>cm</sup>.

From the Proceedings of the Linnean society of New South Wales, ser. 2, vol. v, p. 775-790; vol. viii, p. 185-208, 245-286; vol. ix, p. 85-108.

**Boheman, Carl Henrik.** Insecta Caffraria annis 1838-1845 a J. A. Wahlberg collecta, descripsit Carolus H. Boheman. . . Holmiæ, ex officina norstedtiana, 1848-57.

Agr 4—3484

2 v. in 3. 3 pl. 21½<sup>cm</sup>.

Treats of Coleoptera only.

Continued as Coleoptera Caffrariæ a J. A. Wahlberg collecta. . . descripsit Ol. Im. Fähræus. . . Holmiæ, 1870.

**Broun, Thomas.** . . . Descriptions of new Coleoptera from New Zealand. . . [London, 1894-1895]

Agr 4—3495

7 pts. 21½<sup>cm</sup>.

From the Annals and magazine of natural history, ser. 6, vol. xiv, October, 1894; vol. xv, May, 1895.

**Broun, Thomas.** . . . Manual of the New Zealand Coleoptera. By Captain Thomas Broun. . . Wellington, 1880-93.

Agr 4—3496

7 pts. in 4. 24½<sup>cm</sup>.

Paged continuously; pt. i: 1 p. l., iv, 651 p.; pt. ii: viii, 653-744 [xxi]-xxiii p.; pt. iii-iv: xvii, 745-973 p.; pt. v-vii: xvii, [975]-1504 p.

At head of title: Colonial museum & geological survey department. James Hector director.

**Chevrolat, Auguste.** Coléoptères du Mexique, par A. Chevrolat. . . Strasbourg, Impr. de G. Silbermann, 1834.

Agr 3—776

vii p., 211 l. 17½<sup>cm</sup>.

Most of the leaves printed on both sides.

Pub. in 8 fasc., 1833-35.

**Dejean, Pierre François Marie Auguste, comte.** Iconographie et histoire naturelle des coléoptères d'Europe; par M. le comte Dejean. . . et M. J.-A. Boisduval. . . Paris, Méquignon-Marvis; [etc., etc.] 1829-36.

Agr 3—330

5 v. 370 col. pl. 22<sup>cm</sup>.

Vol. 5 has title: Iconographie et histoire naturelle des coléoptères d'Europe; par M. le comte Dejean. . . continuée par le docteur Ch. Aubé. . . tome 5. Hydrocanthares.

**Dietrich, Kaspar.** Systematisches verzeichniss der bisher im Kanton Zürich aufgefundenen käfer als beitrage zur kenntniss der schweizerischen insekten-fauna überhaupt und der des Kantons Zürich insbesondere zusammengestellt und mit mannigfachen biologischen und synonymischen notizzen begleitet von Kaspar Dietrich. . . Zürich, Im verlage des verfassers; druck von Zürcher und Furrer, 1865.

1 p. l., 240 p. 28½<sup>cm</sup>.

Aus dem 21. bande der Neuen denkschriften der Allgemeinen schweizerischen gesellschaft für gesammte naturwissenschaften besonders abgedruckt.

**Distant, William Lucas.** . . . Some apparently undescribed insects from the Transvaal . [London] 1899.

[461]-465 p. 22<sup>cm</sup>.

From the Annals and magazine of natural history, ser. 7, vol. III, June 1899,

**Erichson, Wilhelm Ferdinand.** Naturgeschichte der insecten Deutschlands, begonnen von Dr. W. F. Erichson, fortgesetzt von Prof. Dr. H. Schaum, Dr. G. Kraatz and H. v. Kiesenwetter [Julius Weise, Edm. Reitter und Dr. G. Seidlitz] 1. abth. Coleoptera . . . Berlin, Nicolaische verlags-buchhandlung, 1848-99.

1 bd., 1. hälfte, 2. hälfte, 1 lfg.; 2. bd.; 3. bd. 1. abth.; 2. abth. 1.-2 lfg.; 4. bd.; 5. bd., 1. hälfte, 2. hälfte, 1.-3. lfg.; 6. bd. 23<sup>4</sup><sub>cm</sub>.

1. bd. 1. hälfte. Bearb. von H. Schaum, 1860; 1. bd. 2. hälfte, 1. lfg. Bearb. von H. Schaum und H. v. Kiesenwetter, 1868; 2. bd. Bearb. von Dr. G. Kraatz, 1858; 3. bd. 1. abth. von Dr. W. F. Erichson, 1845-48; 3. bd. 2. abth. 1.-2. lfg. Bearb. von Edm. Reitter, 1882-85; 4. bd. Bearb. von H. v. Kiesenwetter, [1857]-63; 5. bd. 1. hälfte, 1. lfg. Bearb. von H. v. Kiesenwetter, 1877; 5. bd. 1. hälfte, 2.-5. lfg. Bearb. von H. v. Kiesenwetter und G. Seidlitz, 1893-98; 5. bd. 2. hälfte. 1.-3. lfg. Bearb. von Dr. Georg Seidlitz, 1896-99; 6. bd. Bearb. von Julius Weise, 1882-93.

**Everts, Jonkheer Eduard.** Coleoptera neerlandica. De schildvleugelige insecten van Nederland en het aangrenzend gebied, door Jhr. Ed. Everts. . . 's Gravenhage, M. Nijhoff, 1898-1901.

v. 1-2, pt. 1. illus. 27<sup>4</sup><sub>cm</sub>.

**Fähræus, Olof Immanuel.** Coleoptera Caffrariæ a J. A. Wahlberg collecta . . . descriptis Ol. Im. Fähræus. Ex Actis Reg. Academiæ scientiarum Holmiensis. Holmiæ, P. A. Norstedt et filii, 1870.

Agr 5-218

[502] p. 21<sup>4</sup><sub>cm</sub>.

Various paging.

From Öfversigt af Kongl. Vetenskaps-akademiens Förhandlingar, 1870-72. Stockholm.

Continues Boheman, Carl Henrik, Insecta Caffraria annis 1838-1845 a J. A. Wahlberg collecta . . . 1848-57.

**Fairmaire, Léon Marc Herminie.** Coléoptères, par M. L. Fairmaire. [Paris, 1888]

Agr 3-1251

63 p. 11 col. pl. 28<sup>cm</sup>. ([Ministères de la marine et de l'instruction publique. Mission scientifique du Cap Horn. 1882-1883. Tome VI. Zoologie. Insectes])

Caption title.

**Fairmaire, Léon Marc Herminie.** Diagnoses de coléoptères abyssins . . . [Paris] 1883.

205-206 p. 31<sup>4</sup><sub>cm</sub>.

From Le naturaliste, vol. v, no. 2.

**Faune entomologique armoricaine.** Coléoptères . . 76. famille. Rennes, Impr. F. Simon, 1903.

viii, 95, [1] p. 25<sup>4</sup><sub>cm</sub>.

Publié par la Société scientifique et médicale de l'ouest.

CONTENTS.—76, famille. Cérambycides (longicornes) par C. Houlbert et E. Monnot.

**Fleutiaux, Édouard.** Liste des Cicindelidæ, Elateridæ et Eucnemidæ recueillis dans le Japon central par M. le Dr. J. Harmand, de 1894 à 1897 . . . [Paris] 1900.

6 p. 23<sup>4</sup><sub>cm</sub>.

Extrait du Bulletin du Muséum d'histoire naturelle.—1900, No. 7, p. 356-361.

**Froggatt, Walter Wilson.** . . . On the life-histories of Australian Coleoptera . . . [Sydney, 1894-95]

pt. II-III. 23<sup>cm</sup>.

From "Proceedings of the Linnean society of New South Wales," ser. 2, vol. IX, p. 113-125; vol. X, p. 325-336.

**Gahan, Charles Joseph.** On some longicorn Coleoptera from the island of Hainan . . . [London] 1900.

[347]-354 p. 22<sup>cm</sup>.

From the Annals and magazine of natural history, ser. 7, vol. v, April, 1900.

**Ganglbauer, Ludwig.** Die käfer von Mitteleuropa. Die käfer der österreichisch-ungarischen monarchie, Deutschlands, der Schweiz, sowie des französischen und italienischen alpengebietes. Bearbeitet von Ludwig Ganglbauer. . . . Wien, C. Gerold's sohn, 1892-1904.

v. 1-4, pt. 1. illus. 27<sup>cm</sup>.

CONTENTS.—1. bd. Familienreihe Caraboidea. 1892.—2. bd. Familienreihe Staphylinoidea. 1. th. 1895.—3. bd. Familienreihe Staphylinoidea. II. th. . . . Familienreihe Clavicornia . . . 1899.—4. bd., 1. hälfte. Derrestidæ, Byrrhidæ, Nosodendridæ, Geonyssidæ, Dryopidæ, Heteroceridæ, Hydrophilidæ. 1904.

**Gorham, Henry Stephen.** Descriptions of new genera and species of Coleoptera from South and West Africa, of the section Serricornia, and of the families Erotylidæ, Endomychidæ, and Languriidæ . . . London, 1900-01.

pt. 1-2. 22 $\frac{1}{2}$ <sup>cm</sup>.

From the Annals and magazine of natural history, ser. 7, vol. v, p. 71-94; vol. vii, p. 349-365.

**Grouvelle, Antoine.** Coléoptères (Silphidæ, Nitidulidæ, Rhysodidæ, Cucujidæ, Cryptophagidæ), recueillis dans le Japon central par M. le Dr. Harmand . . . [Paris] 1902.

11 p. 23<sup>cm</sup>.

Extrait du Bulletin du Muséum d'histoire naturelle—1902, n<sup>o</sup>. 1, p. 15-25.

**Gyllenhal, Leonhard.** Insecta svecica descripta a Leonardo Gyllenhal . . . Classis I. Coleoptera sive Eleuterata. Tomus I. Scaris, litteris F. J. Leverentz, 1808-27.

Agr 4—3546

4 pts. 18 $\frac{1}{2}$ <sup>cm</sup>.

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**Houlbert, Constant Vincent.** Petite faune analytique des coléoptères français les plus communs, contenant la description de 200 espèces d'insectes environ et un grand nombre de tableaux dichotomiques, par Constant Houlbert. Paris, P. Dupont, 1892.

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**Le Conte, John Lawrence.** Notes on Coleoptera found at Fort Simpson, Mackenzie River, with remarks on northern species . . . [Philadelphia, 1860]

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**Martyn, Thomas.** The English entomologist exhibiting all the coleopterous insects found in England; including upwards of 500 different species, the figures of which have never before been given to the public, the whole accurately drawn and painted after nature. Arranged and named according to the Linnean system by Thomas Martyn at his academy for illustrating natural history. London, 1792.

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xi, [1], 304 p. 3 pl. 22<sup>cm</sup>.

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Supplementary pages issued with Lamellicornes [Ed. 1], Palpicornes [Ed. 1], Sulcicolles, Latigènes, Pectinipèdes.

— — — Longicornes. [Ed. 2] Paris, Magnin, Blanchard et c<sup>ie</sup>, successeurs de L. Janet, 1862-63.

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4 p. l., 590 p. 22<sup>cm</sup>.

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— — — Lamellicornes. Paris, Maisson, 1842.

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viii, 623 p. iii pl. 22<sup>cm</sup>.

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— — — Lamellicornes-Pectinicornes. Paris, Deyrolle, 1871.

Agr 5—176-217

3 p. l., 735, [1], 42 p. 1 l., [2] p., 2 l. iii pl. 25<sup>cm</sup>.

[Ed. 2] of Lamellicornes.

Par É. Mulsant et Cl. Rey.

— — — Palpicornes. Lyon, C. S. Jeune, 1844.

Agr 5—176-217

vii, 196 p. 1 l. pl. 21<sup>cm</sup>.

Supplementary pages issued with Sulcicolles, and Pectinipèdes.

— — — Palpicornes. 2. éd. Beaune (Côte-d'Or) Bibliothèque entomologique de E. André, 1885.

Agr 5—176-217

374 p. 1 l., [2] p., 1 l. ii pl. 25<sup>cm</sup>.

— — — Sulcicolles-Sécukupalpes. Paris, Maisson, 1846.

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"Table des auteurs et des ouvrages cités dans ce volume": p. [xi]-xxiv.

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— — — Vésicants. [Lyon, 1857]

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1859.

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— — — Altisides, par C. Foudras. Paris, Magnin, Blanchard et c<sup>ie</sup>, successeurs de L. Janet, 1859-60.

Agr 5—176-217

2 p. l., 384 p. front. (port.). 25<sup>cm</sup>.

— — — Mollipennes. Paris, Magnin, Blanchard et c<sup>ie</sup>, successeurs de L. Janet, 1862.

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4 p. l., 440 p. 3 pl. 22<sup>cm</sup>.

- Mulsant, Martial Étienne.** Histoire naturelle des coléoptères de France; par M. E. Mulsant . . . —Angusticolles. Diversipalpes. Paris, Magnin, Blanchard et c<sup>le</sup>, successeurs de L. Janet, 1863-64. Agr 5—176-217  
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**Mulsant, Martial Étienne.** Histoire naturelle des coléoptères de France; par M. E. Mulsant . . . —Brévipennes, phléochariens, trigonuriens, protéiniens, phléobiens. Paris, Deyrolle, 1879. Agr 5—176-217

2 p. l., 74, [2] p., 1 l. II pl. 22<sup>em</sup>.

Par E. Mulsant et Cl. Rey.

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3 p. l., 408, [2] p., 6 l. VII pl. 22<sup>em</sup>.

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2 p. l., 430 p., 6 l. VI pl. 22<sup>em</sup>.

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For further details of publication, see Carus and Engelmann. Bibliotheca zoologica, p. 707; Taschenberg, Bibliotheca zoologica, p. 2520; Hagen, Bibliotheca entomologica, v. 1, p. 558.

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iv, 210 p. incl. illus., III pl. 27<sup>em</sup>. (Siebenbürger verein für naturwissenschaften zu Hermannstadt. Abhandlungen. II. bd.)

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**Preudhomme de Borre, Alfred, i. e. Carl Franz Paul Alfred.** Matériaux pour la faune entomologique de la province d'Anvers. Coléoptères. 1.-4. centurie, by Alfred Preudhomme de Borre . . . Bruxelles, 1881-91.

4 pts. illus. 22<sup>4</sup>-25<sup>em</sup>.

4. centurie pub. at Braine-l'Alleud.

1.-3. centurie par Alfred Preudhomme de Borre . . . avec la collaboration de MM. Fr. Dietz & Edm. Van Segvelt . . .

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4 pts. illus. 23<sup>1</sup>/<sub>2</sub><sup>cm</sup>.

**Rathlef, Harald von.** Coleoptera baltica. Käfer-verzeichniss der Ostseeprovinzen nach den arbeiten von Ganglbauer und Reitter. Hrsg. von H. von Rathlef. [Jurjew (Dorpat) Druck von C. Mattiesen] 1905.

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298 p., 1 l. 25<sup>1</sup>/<sub>2</sub><sup>cm</sup>. (On cover: Archiv für die naturkunde Liv-, Ehst- und Kurlands. Hrsg. von der Naturforscher-gesellschaft bei der Universität Jurjew (Dorpat). 2. ser. Biologische naturkunde. Bd. xii, lfg. 3).

**Redtenbacher, Ludwig.** Coleopteren. Bearb. von Dr. Ludwig Redtenbacher . . . [Wien, 1867]

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iv, 249 p., 5 l. v pl. 30<sup>cm</sup>.

From Novara-expedition. Zoolog. theil. Bd. ii, abth. i.

**Redtenbacher, Ludwig.** Fauna austriaca. Die käfer. Nach der analytischen methode, bearb. von Ludwig Redtenbacher . . . 3. gänzlich umgearb. und bedeutend verm. Aufl. . . . Wien, C. Gerold's sohn, 1874.

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2 v. in 1. ii pl. 24<sup>cm</sup>.

**Redtenbacher, Ludwig.** Die gattungen der deutschen kaefer-fauna nach der analytischen methode bearbeitet, nebst einem kurz gefassten leitfaden, zum studium dieses zweiges der entomologie . . . von Ludwig Redtenbacher . . . Wien, C. Ueberreuter, 1845.

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7 p. l., 177, [1] p. ii pl. 22<sup>cm</sup>.

"Verzeichniss der schriftsteller und ihrer benützten schriften": p. [171]-175.

**Reitter, Edmund.** Bestimmungs-tabellen der europäischen coleopteren. i. Enthaltend die familien: Cucujidæ, Telmatoophilidæ, Tritomidæ, Mycetæidæ, Endomychidæ, Lyctidæ und Sphindidæ . . . (Vorgelegt in der jahres-versammlung am 2. april 1879) [Wien, 1879]

71-100 p. 22<sup>1</sup>/<sub>2</sub><sup>cm</sup>.

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41-94 p. 22<sup>1</sup>/<sub>2</sub><sup>cm</sup>.

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75 p. 22 $\frac{1}{2}$ cm.

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36 p. 22 $\frac{1}{2}$ cm.

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Aggr 5-287

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CONTENTS.—v. 1. pt. 1. Containing general observations on the geography, manners, and natural affinities of the insects which compose the genus *Scarabæus* of Linnæus; to which are added a few incidental remarks on the genera *Lucanus* and *Hister* of the same author.—pt. 2. Containing an attempt to ascertain the rank and situation which the celebrated Egyptian insect, *Scarabæus sacer*, holds among organized beings.

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Agr 4-3473

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Tomos I has an added t.-p.: *Synonymia insectorum* oder Versuch einer synonymie aller von mir bisher bekannten insecten; von C. J. Schoenherr . . . Mit berichtigungen und anmerkungen, wie auch mit beschreibungen neuer arten. Erster band. Eleutherata oder käfer. Vierter theil. Fam. Curculionides. Paris, Roret, 1833.

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### UNITED STATES.

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1 p. l., 680 p. 25<sup>cm</sup>. (Smithsonian miscellaneous collections, vol. XLVI, no. 1444)

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389-464 p. illus. 27<sup>cm</sup>. (Papers from the Harriman Alaska expedition. ix. Entomological results (3))

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**Johnson, Charles Willison.** Diptera of Florida. By C. W. Johnson. With additional descriptions of new genera and species. By D. W. Coquillett . . . [Philadelphia, 1895]

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**Loew Hermann.** . . . Monographs of the Diptera of North America. Prepared for the Smithsonian institution by H. Loew. Ed., with additions, by R. Osten Sacken. Washington, Smithsonian institution, 1862-73.

4 pts. 15 pl. 24<sup>cm</sup>. (Smithsonian miscellaneous collections [v. 6, 8, 11])

Pt. III has title: Monographs of the Diptera of North America. Pt. III. Prepared for the Smithsonian institution by H. Loew. Published 1873.

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— — Appendix. October, 1859. [Washington, 1859]

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cover-title, [189]-354 p. 23<sup>cm</sup>.

At head of title: Author's edition. Department of the interior. United States geological and geographical survey. E. V. Hayden, U. S. geologist in charge.

Extracted from the Bulletin of the Survey, vol. III, no. 2.

**Williston, Samuel Wendell.** Manual of the families and genera of North American Diptera; 2d ed. rewritten and enl. by Samuel W. Williston . . . New Haven, J. T. Hathaway, 1896.

liv, 167 p. 20<sup>1</sup>/<sub>2</sub><sup>cm</sup>.

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**Williston, Samuel Wendell.** Synopsis of the families and genera of North American Diptera, exclusive of the genera of the Nematocera and Muscidae, with bibliography and new species, 1878-88. By Samuel W. Williston . . . New Haven, J. T. Hathaway, 1888.

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**Bellardi, Luigi.** Saggio di ditterologia messicana, di Luigi Bellardi . . . Torino, Dalla stamperia reale, 1859-62.

2 pts. and appx. 5 pl. 29<sup>1</sup>/<sub>2</sub><sup>cm</sup>.

From Memorie della Reale accademia delle scienze di Torino. serie II, tom. XIX.

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46 p. iv col. pl. 28<sup>cm</sup>. (Ministères de la marine et de l'instruction publique. Mission scientifique du Cap Horn. 1882-1883. Tome VI. Zoologie. Insectes)

**Bigot, Jacques Marie Frangile.** . . . Énumération des diptères recueillis en Tunisie dans la mission de 1884 par M. Valéry Mayet . . . et description des espèces nouvelles, par J.-M.-F. Bigot. Paris, Imprimerie nationale, 1888.

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**Bigot, Jacques Marie Frangile.** . . . Voyage de M. Ch. Alluaud aux Îles Canaries (novembre 1889-juin 1890). Diptères . . . Paris, 1891.

cover-title, 5 p. 25<sup>em</sup>.

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**Biologia centrali-americana.** Insecta. Diptera . . . [London, Pub. for the editors by R. H. Porter] 1886-1903. Agr 5-505

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Vol. I by Baron C. R. Osten-Sacken, the supplement by Professor S. W. Williston, Professor J. M. Aldrich, and Professor W. M. Wheeler and A. L. Melander; vol. II by Frederick Maurits van der Wulp; vol. III by Prof. S. W. Williston.

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**Coquillett, Daniel William.** . . . Descriptions of two new species of Diptera from Western Australia . . . [Sydney, 1900]

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**Dziedzicki, Henryk Ad.** II. Przyczynek do fauny owadów dwuskrzydłych. Rodzaje nowe: Hertwigia, nov. gen.; Eurycera, nov. gen. i gatunki rodzajów; Boletina, Sciophila. Przez D-ra Henryka Dziedzickiego . . . Warszawa, Drukiem E. Skińskiego, 1885.

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CONTENTS.—[v. 1] Tipulaires.—[v. 2] Asiliques, bombyliers, xyLOTOMES, leptides, vesiculeux, stratiomydes, xylophagites, tabaniens.—[v. 3] Platypézines, dolichopodes, empides, hybotides.—[v. 4] Syrphies.—[v. 5] Athéricères, créophiles, cécidiens, myopaires, conopseurs, scénoptiniens, céphalopsides.

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Pars VII has cover-title with title in Russian and Latin.

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Vol. I has main t.-p.: Genera italica ordinis dipterorum ordinatim disposita et distincta et in familias et stirpis aggregata. 1856. Vol. II-VI have main t.-p.: Species italicae ordinis dipterorum in genera characteribus definita, ordinatim collectæ, methodo analitica distinctæ, et novis vel minus cognitis descriptis. Pars 1-5. 1857-62. The title Dipterologiae italicae in vol. I-V occurs only on half t.-p. which in vol. V is wanting. Vol. VI has no half t.-p., but t.-p. in addition to title Species, etc., has Dipter: ital: prodromi cum supplemento pars VI. Vol. II-V contain Stirpes I-XVI; vol. VI contains Stirps XVII, Anthomyiinae, reprinted from Atti della Società italiana di scienze naturali, 1866, and also 3 supplementary fascicles bearing title: Diptera italica non vel minus cognita descripta vel annotata observationibus nonnullis additis, reprinted from same periodical, vol. VIII-XI, 1865-68. Vol. VII has no general t.-p. or continuous paging, but consists of extracts as follows: Scatophaginæ italicae collectæ distinctæ et in ordinem dispositæ . . . Dipterol. ital. prodromi pars VII, fasc. I, Dipterorum stirps XVIII; and Sciomyzinæ italicae collectæ, distinctæ et in ordinem dispositæ . . . Dipterol. ital. prodromi pars VII, fasc. II, Dipterorum stirpis XIX; both the preceding reprinted from Atti della Società italiana di scienze naturali, vol. X-XI, 1866-68; Ortalidinæ italicae collectæ, distinctæ et in ordinem dispositæ . . . Dipterologiae italicae prodromi pars VII, fasc. 3-4, Dipter. stirps XX, reprint of 5 articles in Bulletino della Società entomologica italiana, vol. I-III, 1869-71; and 5 articles reprinted from the above periodical, vol. VI-XII, 1874-80, with title Species italicae ordinis Dipterorum (Muscaria Rndn.) Stirps XXI-XXV, Stirps XXI, Tanipezinæ Rndn., stirps XXII, Loncheinæ Rndn., stirps XXIII, Agromyzinæ, stirps XXIV, Chylizinæ Rndn., stirps XXV, Copromyzidæ Zett.



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48, [1] p. 21½<sup>cm</sup>.

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**Schiner, J. Rudolf.** Diptera. Bearb. von Dr. J. R. Schiner . [Wien, 1868]  
vi, 3-388 p., 3 l. iv pl. 31<sup>cm</sup>. (Novara expedition. Zoologischer theil. Bd ii) Agr 3-357

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2 v. 23<sup>cm</sup>.

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[593]-620 p. 24<sup>cm</sup>.

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3 p. 1, 691, 121 p. front. (port.) illus. 25<sup>cm</sup>.

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Printed on one side of leaf only.

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60 p. iii col. pl. 28½<sup>cm</sup>.

At head of title: Natuurlijke historie. Negende afdeeling.

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Caption title.

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**Wulp, Frederick Maurits van der.** Nieuwe naamlijst van nederlandsche diptera, door F. M. van der Wulp en Dr. J. C. H. de Meijere . . . 's Gravenhage, M. Nijhoff, 1898.

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Uitgegeven door de Nederlandsche entomologische vereeniging als Bijvoegsel tot deel xli van het Tijdschrift voor entomologie.

**Zetterstedt, Johann Wilhelm.** Diptera Scandinaviæ disposita et descripta. Auctore ph. d: re Johanne Wilhelm Zetterstedt . . . Lundæ, ex officina Lundbergiana, sumtibus auctoris, 1842-60.

14 v. front. (port.) 19½<sup>em</sup>.

Paged continuously, 6609 p.

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## FAMILIES.

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**Akerly, Samuel.** An account of the wheat insect of America, or the *Tipula vaginalis tritici*, commonly called the Hessian fly. [New York, 1817]

275-279 p. illus. 23<sup>em</sup>.

From the American monthly magazine and critical review, v. 1, no. 4, Aug. 1817.

**Bremi-Wolf, Johann Jacob.** Beiträge zu einer monographie der gallmücken, *Cecidomyia* Meigen, von J. J. Bremi in Zürich. [Zürich, Auf kosten der gesellschaft gedruckt von Zürcher & Furrer; etc., etc., 1847]

71 p. 2 col. pl. 25½<sup>em</sup>.

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**Campbell, Francis Maule.** The Hessian fly, a paper read before the Hertfordshire natural history society, on the 24th of May, 1887, at Hertford . . . Hertford, 1887.

1 p. l., [180]-192 p. illus. 21½<sup>em</sup>.

From the 'Transactions of the Hertfordshire natural history society,' vol. iv, part 6, August, 1887.

**Cobb, N. A.** Insect-larva (*Cecidomyia* sp.) eating rust on wheat and flax . . . by N. A. Cobb and A. Sidney Olliff. Sydney, 1891.

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Extracted from vol. 11, pt. 2, of the Agricultural gazette of New South Wales.

**Cook, Albert John.** The Hessian fly. A lecture . . . delivered at Farmer's institutes held at Paw Paw and Climax, Mich., 1878 . . . [n. p., 1878]

14 p. illus. 23<sup>em</sup>.

**Dawson, John William.** Notice of specimens of the wheat midge from Nova Scotia . . . [Philadelphia, 1849]

210-211 p. 24<sup>em</sup>.

From Proceed. Acad. nat. sci. of Philadelphia.—vol. iv, no. xi.

**Fernald, Henry Torsey.** . . The Hessian fly in wheat; its life history and treatment . . . [Harrisburg] 1898.

4 p. illus. 21½<sup>em</sup>.

At head of title: Commonwealth of Pennsylvania. Department of Agriculture. Division of zoology.

**Fitch, Asa.** The Hessian fly, its history, character, transformations and habits. By Asa Fitch . . . Albany, printed by J. Munsell, 1846.

63 p. pl. 33<sup>em</sup>.

Originally published in the American journal of agriculture and science, vols. iv., v.

Agri 5—516

**Fletcher, James.** The clover-seed midge (*Cecidomyia leguminicola*, Lintner) [Ottawa, 1886]

[3] p. illus. 21½<sup>em</sup>.

Pub. by the Dept. of agriculture, Ottawa.

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#### STRATIOMYIDÆ.

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CONTENTS.—pt. I. The genera Pangonia, Chrysops, Silvius, Hæmatopota, Diabasis.—pt. II. The genus Tabanus.

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12-14 p. 24½<sup>cm</sup>.

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3—6 p. 25<sup>em</sup>.  
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- Coquillett, Daniel William.** Revision of the bombylid genus Aphœbantus. [n. p., 1891?]  
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- 8, [2], 9—16 p. 22½ x 17½<sup>em</sup>.  
Dis.—Lund.  
Consists of two dissertations, each having its own title-page, but with text and paging continuous.  
p. 1—8: respondent, Eric. Henricus Berglund. p. 9—16: respondent, Haquinus Lundberg.  
Forms part of his Diptorum, antennis parum articulatis instructorum, sectio prior (Diptera suecica, v. 1) See his Dispositio diptorum synoptica, p. 7—8; Hagen, Bibliotheca entomologica, v. 1. p. 227.

**Fallén, Karl Fredrik.** Platypezinæ et Bombylarii sueciæ. *See under* Platypezidæ, p. 266.

- Townsend, Charles Henry Tyler.** The pupa of Argyramœba œdipus Fab. [Philadelphia, 1893]  
60—63 p. 24<sup>em</sup>.  
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**Fallén, Karl Fredrik.** Scenopini et Conopsariæ Sueciæ. *See under* Conopidæ, p. 265.

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Inaug.-dis.—Lund.

Consists of three dissertations, each having its own title-page, but with text and paging continuous. p. 1-16: respondent, Petrus Nicol. Rhodin; pub. 1815. p. 17-24: respondent, Nicolaus Kihlgren; pub. 1816. p. 25-34: respondent, Laur. Magn. von Bergen; pub. 1816.

Forms part of his Diptera, antennis parum articulatis instructorum, sectio prior (Diptera suecica, v. 1) See his Dispositio diptera synoptica, p. 7-8; Hagen, Bibliotheca entomologica, v. 1, p. 227.

## DOLICHOPODIDÆ.

**Aldrich, John Merton.** New genera and species of Psilopinæ . . . [Lawrence, Kan., 1893]

[47]-50 p. 24½<sup>cm</sup>.

From the Kansas university quarterly, vol. II, no. 1, July, 1893.

**Aldrich, John Merton** . . . Revision of the genera Dolichopus and Hygrocheilus . . . [Lawrence, Kan., 1893]

26 p., 1 l. pl. 24½<sup>cm</sup>.

From the Kansas university quarterly, vol. II, no. 1, July, 1893.

\* **Fallén, Karl Fredrik, præses.** Monographia dolichopodum Sueciæ . . . Lundæ, literis Berlingianis, 1823. Agr 3-180

1 p. l., 8, [2], 9-16 p., 1 l., 17-24 p. 22 x 18<sup>cm</sup>.

Dis.—Lund.

Consists of three dissertations, each having its own title-page, but with text and paging continuous. pt. I: respondent, Nicol. Henr. Lovén. pt. II: respondent, Carolus Ericus Lindberg. pt. III: respondent, Carolus Gustavus Wieselquist.

At end of pt. III: "Voluminis 2: i finis."

Forms part of his Diptera suecica, v. 2. See Hagen, Bibliotheca entomologica, v. 1, p. 227.

**Roubaud.** Sur des larves marines de dolichopodes attribuées au genre Aphrosyllus (Wlkr.) . . . [Paris, 1904]

3 p. 23<sup>cm</sup>.

Extrait du Bulletin du Muséum d'histoire naturelle, 1903, no. 7, p. 338-340.

**Snodgrass, Robert E.** . . . The hypopygium of the Dolichopodidæ. By Robert E. Snodgrass . . . San Francisco, The Academy, 1904. 4-30944

1 p. l., 273-294 p. xxx-xxxiii pl. 25½<sup>cm</sup>. (Proceedings of the California academy of sciences. Third series. Zoology. vol. III, no. 10)

"Issued September 28, 1904."

**Wheeler, William Morton.** . . . A genus of maritime Dolichopodidæ new to America. By William Morton Wheeler . . . San Francisco, The academy, 1897.

1 p. l., 145-152 p. pl. 25½<sup>cm</sup>. (Proceedings of the California academy of sciences. 3d ser. Zoology. vol. I, no. 4)

**Wheeler, William Morton.** . . . New species of Dolichopodidæ from the United States. By William Morton Wheeler . . . San Francisco, The academy, 1899.

1 p. l., 84 p. iv pl. 25<sup>cm</sup>. (Proceedings of the California academy of sciences. 3rd ser. Zoology. vol. II, no. 1)

## SYRPHIDÆ.

**Arribáizaga, Félix Lynch.** Dipterologia argentina. Syrphidæ . . . Buenos Aires, 1891.

181 p. pl. 26<sup>cm</sup>.

Estrato publicado en los Anales de la Sociedad científica argentina. tomo xxxii, páginas 80 y siguientes.

"Bibliografía." p. 165-170.

**Becker, Theodor.** . . . Revision der gattung *Chilosia* Meigen. Von Th. Becker . . . Mit 13 tafeln nr. XI—XXIII. Eingegangen bei der Akademie am 7. december 1892. Halle, 1894.

327 p. 13 pl. 32 $\frac{1}{2}$ cm. (Nova acta der Ksl. Leop.-Carol. deutschen akademie der naturforscher. bd. LXII, nr. 8)

"Litteratur": p. 11-12.

**Fallén, Karl Fredrik, præses.** *Syrphici Sueciæ* . . . Lundæ, literis Berlinianis, 1816-17.

Agr 3-167

1 p. 1., 14, [2], 15-22, [2], 23-30, [2], 31-42, [2], 43-62 p. 21 $\frac{1}{2}$  x 18cm.

Dis.—Lund.

Consists of six dissertations, each having its own title-page, but with text and paging continuous. p. 1-14: respondent, Nicol. Paulsson; pub. 1816. p. 15-22: respondent, C. A. A. Hempel; pub. 1816. p. 23-30: respondent, Benedict, Carlstedt; pub. 1817. p. 31-42: respondent, Johannes Lindberg; pub. 1812 (*i. e.* 1817) p. 43-54: respondent, Magnus Bergquist; pub. 1817. p. 55-62: respondent, von Bergen; pub. 1817.

Title-page for p. 55-62 is wanting.

Forms part of his *Dipterorum, antennis parum articulatis instructorum, sectio prior* (*Diptera suecica*, v. 1) See his *Dispositio dipterorum synoptica*, p. 7-8; Hagen, *Bibliotheca entomologica*, v. 1, p. 227.

**Gazagnaire, Joseph.** Importance des caractères zoologiques fournis par la lèvre supérieure chez les syrphides (diptères) . . . [Paris, 1883]

4 p. 27 x 22cm.

From *Comptes rendus* . . . de l'Académie des sciences, v. 96.

**Osten Sacken, Karl Robert Romanovich, baron von.** . . . Additional notes in explanation of the bugonia-lore of the ancients. Heidelberg, J. Hoerning, 1895.

23 p. illus. 23cm.

Agr 5-533

At head of title: C. R. Osten Sacken.

**Osten Sacken, Karl Robert Romanovich, baron von.** . . . A list of the North American Syrphidæ . . . [Buffalo, 1875]

38-71 p. 24 $\frac{1}{2}$ cm.

From *Bull. Buf. soc. nat. sci.*, November-December, 1875.

**Osten Sacken, Karl Robert Romanovich, baron von.** On the North American species of the genus *Syrphus* (in the narrowest sense) . . . [Boston, 1875]

135-153 p. 22cm.

From the *Proceedings of the Boston society of natural history*, vol. XVIII, Oct. 6, 1875.

**Osten Sacken, Karl Robert Romanovich, baron von.** . . . On the oxen-born bees of the ancients (bugonia) and their relation to *Eristalis tenax*, a two-winged insect. Enl. ed. of the essay: On the so-called bugonia of the ancients, etc., pub. in the *Bullet. Soc. ent. ital.* 1893. Heidelberg, J. Hoerning, 1894.

Agr 5-534

xiv, 80 p. 23cm.

At head of title: C. R. Osten Sacken.

"Notice on some of the authorities consulted": p. [viii]-xi.

**Williston, Samuel Wendell.** Contribution to a monograph of the North American Syrphidæ . . . [Philadelphia, 1882]

[299]-332 p. 23cm.

From *Proc. Amer. philos. soc.* xx.

**Williston, Samuel Wendell.** . . . Synopsis of the North American Syrphidæ. By Samuel W. Williston . . . Washington, Gov't print. off., 1886.

xxx, 335 p. xii pl. 24cm. (Dep't of the interior. U. S. national museum. *Bulletin of the United States national museum*, no. 31)

## CONOPIDÆ.

**Fallén, Karl Fredrik, præses.** *Scenopini et Conopsariæ Sueciæ. Quorum descriptionem venia ampl. facult. philos. lund. præside Carolo Fr. Fallén* . . . pro laurea publicæ disquisitioni subicit Nicol. Magn. Krok . . . Lundæ, literis Berlinianis, 1817.

Agr 3-168

14 p. 21 $\frac{1}{2}$  x 18cm.

Forms part of his *Dipterorum, antennis parum articulatis instructorum, sectio prior* (*Diptera suecica*, v. 1) See his *Dispositio dipterorum synoptica*, p. 7-8; Hagen, *Bibliotheca entomologica*, v. 1, p. 227.

**Williston, Samuel Wendell.** . . . North American Conopidæ . . . [New Haven? 1882-85]

3 pts. pl. 22½<sup>cm</sup>.

From Transactions Connecticut academy, vol. iv, March, 1882, p. 325-342; vol. vi, July, 1883, p. 91-98, March, 1885, p. [377]-394.

#### PLATYPEZIDÆ.

**Fallén, Karl Fredrik, præses.** Platypezinæ et Bombylarii Sueciæ. Quorum descriptionem venia ampl. fac. philos. lund. præside Carolo Fr. Fallén . . . publicæ disquisitioni subjicit Laurent. Freder. Flodin . . . Lundæ, litteris Berlingianis, 1815.

Agr 3-163

12 p. 18½ x 16<sup>cm</sup>.

Forms part of his Dipteriorum, antennis parum articulatis instructorum, sectio prior (Diptera suecica, v. 1) See his Dispositio dipteriorum synoptica, p. 7-8; Hagen, Bibliotheca entomologica, v. 1, p. 227.

#### PHORIDÆ.

**Dahl, Friedrich Theodor.** Puliciphora, eine neue, flohähnliche fliegengattung . . . [Leipzig, 1897]

[409]-412 p. 23<sup>cm</sup>.

Separat-abdruck aus dem "Zoologischen anzeiger," no. 543, 1897.

**Dahl, Friedrich Theodor.** Über Puliciphora lucifera . . . [Leipzig, 1898]

[308]-309 p. 23<sup>cm</sup>.

Separat-abdruck aus dem "Zoologischen anzeiger," no. 558, 1898.

#### AGROMYZIDÆ.

**Coquillett, Daniel William.** . . . Description of Agromyza phaseoli, a new species of leaf-mining fly . . . [Sydney, 1899]

128-129 p. 22<sup>cm</sup>.

From the Proceedings of the Linnean society of New South Wales, 1899, pt. 1, March 29th.

**Fallén, Karl Fredrik, præses.** Agromyzides. [Lund, Berling, 1823] Agr 3-177

10 p. 20 x 17½<sup>cm</sup>. [With his Oscinides Sueciæ]

Dis.—Lund.

Respondent, Lageman. See Hagen, Bibliotheca entomologica.

Title-page wanting.

Forms part of his Diptera suecica, v. 2. See Hagen, Bibliotheca entomologica, v. 1, p. 227.

**Lindemann, Karl Eduardovich.** Ueber Agromyza lateralis Macq. und ihre verwandlungen . . . [Moscou, 1886]

6 p. illus. 22½<sup>cm</sup>.

From Bull. d. l. Soc. imp. d. nat. de Moscou, 1886. no. 3.

#### OSCINIDÆ.

**Fallén, Karl Fredrik, præses.** Oscinides Sueciæ. Quarum descriptionum venia ampl. facult. philos. Acad. lund. præside Carolo Fr. Fallén . . . pro laurea publicæ disquisitioni subjicit Johannes Collander . . . Lundæ, literis Berlingianis, 1820.

1 p. l., 10 p. 20 x 17½<sup>cm</sup>.

Agr 3-176

Forms part of his Diptera suecica, v. 2. See Hagen, Bibliotheca entomologica, v. 1, p. 227.

**Garman, Harrison.** . . . The American frit-fly (Oscinis variabilis? Loew) . . . [State college, Pa., 1891]

[67]-69 p. 23<sup>cm</sup>.

From Agricultural science, vol. v, no. 3, March 1891.

**Great Britain—Board of agriculture.** . . . The ribbon-footed corn fly (Chlorops tæniopus) [London, 1893.]

[55]-67 p. illus. 24½<sup>cm</sup>. (Its [Leaflet] 1893 [no.] 10)

— [London, 1898]

3, [1] p. illus. 22<sup>cm</sup>. (Its Leaflet no. 24)

**Jablonowski, József.** Utnutatás à csikoslábú búzalégy irtására. [Budapest, 1898]

[39]—41 p. 24<sup>cm</sup>.

**Kühn, Julius Gotthelf.** Die überwinterung der Oscinis-larven und die durch diese schmarotzer hervorgegangenen schädigungen des zur gewinnung von zeitigem grünfutter angesäten roggen-sandwickenkengemenges . . . (*In* Berichte aus dem Physiologischen laboratorium und der Versuchsanstalt des Landwirthschaftlichen instituts der Universität Halle. Hrsg. von Dr. Julius Kühn. Dresden, 1893. 28<sup>cm</sup>. 10. hft., p. 131-144)

**Lampa, Sven.** Iakttagelser angående kornflugans uppträdande och lefnadssätt under sommaren och hösten 1887 . . . [Stockholm, 1888]

10 p. 23<sup>cm</sup>.

Aftryck ur Landtbruks-akademiens Handlingar och tidskrift för år 1887.

**Lindemann, Karl Eduardovich.** Ueber *Meromyza saltatrix* Mg. und *Elachiptera cornuta* F. . . . [Москва, 1885]

5 p. illus. 23<sup>cm</sup>.

“Издание Императорскаго московск. общества испытателей природы.”

**Reuter, Enzo.** . . . *Meromyza cerealium* n. sp., ein neuer getreideschädiger . . . Helsingfors, 1902.

[84]—91 p. 22½<sup>cm</sup>.

Särtryck ur “Meddelanden af Societas pro fauna et flora fennica” h. 28 (1902).

**Rörig, Georg Friedrich Carl.** Oscinis frit und pusilla. Beitrag zur kenntniss der kleinen feinde der landwirthschaft . . . Halle, 1892.

2 p. l., 33, [4] p. 27½<sup>cm</sup>.

“Verzeichniss der benutzten literatur”: 1st p. at end.

Inaug.-dis.-Halle-Wittenberg.

—— (In Berichte aus dem Physiologischen laboratorium und der Versuchsanstalt des Landwirthschaftlichen instituts der Universität Halle. Hrsg. von Dr. Julius Kühn. Dresden, 1893. 28<sup>cm</sup>. 10. hft., p. 1-33. II pl.)

#### EPHYDRIDÆ.

**Williston, Samuel Wendell.** . . . Dipterous larvæ from the western alkaline lakes and their use as human food . . . [New Haven? 1883]

4 p. illus. 23<sup>cm</sup>.

From Trans. Conn. acad., vol VI, July, 1883.

#### MICROPEZIDÆ.

**Townsend, Charles Henry Tyler.** On a peculiar acalyptrate muscid found near Turkey Tanks, Arizona . . . [Topeka, 1893]

135-136 p. 23<sup>cm</sup>.

From Transactions of the Twenty-fourth and twenty-fifth annual meetings of the Kansas academy of science (1891-'92) vol. XIII.

#### PSYLIDÆ.

**Great Britain—Board of agriculture** . . . The carrot fly (*Psila rosæ*) [London, 1897]

3 p. illus. 22½<sup>cm</sup>. (*Its* Leaflet no. 38)

—— [London, 1898]

4 p. illus. 21½<sup>cm</sup>. (*Its* Leaflet no. 38)

**Schøyen, Wilhelm Maribo.** Gulrodffluen . . . Kristiania [1890]

8 p. illus. 22½<sup>cm</sup>.

Separataftryk af “Norsk havetidende” 1890.

## ORTALIDÆ.

- Fallén, Karl Fredrik.** *Ortalides Sueciæ. Quarum descriptionem. venia ampl. facult. philos. Acad. lund. præside Carolo F. Fallén . . . pro laurea publicæ disquisitioni subjecit Johannes Gahne . . . Lundæ, litteris Berlingianis, 1820.* Agr 3—173  
1 p. l., 34 p. 22x18 $\frac{1}{2}$ cm.  
p. 17-24: respondent, Petersson. p. 25-34: respondent, Elmlund. (See Hagen, *Bibliotheca entomologica*, v. 1, p. 227) There are no title-pages for the last two dissertations in the Library copy.  
Forms part of his *Diptera suecica*, v. 2. See Hagen, *Bibliotheca entomologica*, v. 1, p. 227.

## TRYPETIDÆ.

- Diegner, A.** *Les asperges menacées. Étude sur la mouche de l'asperge Platyparea pœcilopectera Schrank. Moyens de combattre le parasite . . . Argenteuil, 1903.*  
11 p. illus. 18cm.

- Froggatt, Walter Wilson.** *The fruit-maggot fly. [Sydney] 1897.*  
1 p. l., 7 p. pl. 25cm. (Department of agriculture, Sydney, New South Wales. Miscellaneous publication, no. 163)  
From the *Agricultural gazette* of N. S. Wales, vol. VIII, June 1897.

- Giard, Alfred.** . . . *La mouche de l'asperge (Platyparea pœcilopectera Schrank) et ses ravages à Argenteuil . . . [Paris, 1903]*

- [4] p. 24cm.  
Extrait des Comptes rendus des séances de la Société de biologie. Séance du 4 juillet 1903. t. LV, p. 907.

- Great Britain.**—*Board of agriculture . . . The celery fly (Tephritis onopordi-nis) [London, 1897]*  
3, [1] p. illus. 21 $\frac{1}{4}$ cm. (*Its Leaflet* no. 35)

- Harvey, Francis Le Roy.** *The apple maggot. Trypeta pomonella, Walsh. A consideration of the literature, history, distribution, transformation, life-history and habits of this insect; also remedies. The results of investigations made in 1888-'89, by F. L. Harvey . . . [n. p., 1890]*  
cover-title, 49, [4] p. iv pl. 26cm.  
"Bibliography": p. 1-2.

## HÆMATOMYZIDÆ.

- Fallén, Karl Fredrik, præses.** *Monographia hæmatomyzidum Sueciæ. Quam venia ampliss. fac. philos. lund. Carolo Fr. Fallén . . . pro laurea publicæ disquisitioni subjecit Johannes Magn. Norlander . . . Lundæ, litteris Berlingianis, 1818.*  
16 p. 23x19cm. Agr 3—199  
Forms part of his *Diptera suecica*, v. 2. See Hagen, *Bibliotheca entomologica*, v. 1, p. 227.

## HETEROMYZIDÆ.

- Fallén, Karl Fredrik, præses.** *Heteromyzides Sueciæ. Quarum descriptionem venia ampl. facult. philos. lund. præside Carolo Fr. Fallén . . . pro laurea publicæ disquisitioni subjecit P. Björkman . . . Lundæ, litteris Berlingianis, 1820.* Agr 3—175  
1 p. l., 10 p. 21x17cm.  
Forms part of his *Diptera suecica*, v. 2. See Hagen, *Bibliotheca entomologica*, v. 1, p. 227.

## SCIOMYZIDÆ.

- Fallén, Karl Fredrik, præses.** *Sciomyzides Sueciæ. Quarum descriptionem venia ampl. facult. philos. Acad. lund. præside Carolo Fr. Fallén . . . pro laurea publicæ disquisitioni subjecit Adolphus Alexanderson . . . Lundæ, litteris Berlingianis, 1820.* Agr 3—1033  
1 p. l., 16 p. 19cm.  
Forms part of his *Diptera suecica*, v. 2. See Hagen, *Bibliotheca entomologica*, v. 1, p. 227.

## HYDROMYZIDÆ.

**Fallén, Karl Fredrik, præses.** Hydromyzides Sueciæ. Quarum descriptionem venia ampl. facult. philos. Acad. lund. præside Carolo Fr. Fallén . . . pro laurea publicæ disquisitioni subjicit Johan. Jacob. Björkman . . . Lundæ, litteris Berlingianis, 1823.

Agr 3—179

1 p. 1., 12 p. 23x19<sup>mm</sup>.Forms part of his *Diptera suecica*, v. 2. See Hagen, *Bibliotheca entomologica*, v. 1, p. 227.

## OCHTIDIDÆ.

**Fallén, Karl Fredrik.** Phytomyzides et Ochtidiæ Sueciæ. *See below under Phytomyzidæ.*

## OPOMYZIDÆ.

**Fallén, Karl Fredrik, præses.** Opomyzides Sueciæ. Quarum descriptionem venia ampl. facult. philos. Acad. lund. præside Carolo Fr. Fallén . . . pro laurea publicæ disquisitioni subjicit T. Maximilian. Ratzky . . . Lundæ, litteris Berlingianis, 1820.

Agr 3—174

1 p. 1., 12 p. 21x17<sup>mm</sup>.Forms part of his *Diptera suecica*, v. 2. See Hagen, *Bibliotheca entomologica*, v. 1, p. 227.

## SCATOMYZIDÆ.

**Fallén, Karl Fredrik, præses.** Scatomyzides. [Lund, Berling, 1819] Agr 3—172  
10 p. 19½ x 15<sup>mm</sup>.

Dis.—Lund.

Title-page wanting.

Respondent, Rosefus.

Forms part of his *Diptera suecica*, v. 2. See Hagen, *Bibliotheca entomologica*, v. 1, p. 227.

## PHYTOMYIDÆ.

**Fallén, Karl Fredrik, præses.** Phytomyzides et Ochtidiæ Sueciæ. Quarum descriptionem venia ampl. facult. philos. Acad. lund. præside Carolo Fr. Fallén . . . pro laurea publicæ disquisitioni subjicit Carolus Wilh. Pettersson . . . Lundæ, litteris Berlingianis, 1823.

Agr 3—178

1 p. 1., 10 p. 22 x 16½<sup>mm</sup>.Forms part of *Diptera suecica*, v. 2. See Hagen, *Bibliotheca entomologica*, v. 1, p. 227.

## RHIZOMYZIDÆ.

**Fallén, Karl Fredrik, præses.** Rhizomyzides Sueciæ. Quarum descriptionem venia ampl. facult. philos. Acad. lund. præside Carolo Fr. Fallén . . . pro laurea publicæ disquisitioni subjicit Sven Magnus Bremer . . . Lundæ, litteris Berlingianis, 1820.

Agr 3—170

1 p. 1., 10 p. 23 x 19<sup>mm</sup>.Forms part of his *Diptera suecica*, v. 2. See Hagen, *Bibliotheca entomologica*, v. 1, p. 227.

## ANTHOMYIDÆ.

**Great Britain—Board of agriculture.** . . . Mangel wurzel fly (*Anthomyia betæ*, Curtis) [London, 1893]

[27]—29 p. illus. 24½<sup>cm</sup>. (*Its* [Leaflet] 1893 [no.] 5)

— [London, 1898]

4 p. illus. 21½<sup>cm</sup>. (*Its* Leaflet no. 5)

- Great Britain**—*Board of agriculture*. . . . The onion fly. *Phorbia cepetorum* (Meade) [London, 1896]  
 4 p. illus. 22<sup>cm</sup>. (*Its Leaflet* no. 31)  
 — [London, 1898]  
 4 p. illus. 21<sup>1</sup>/<sub>2</sub><sup>cm</sup>. (*Its Leaflet* no. 31) .

## CESTRIDÆ.

- Boas, Johan Erik Vesti**. . . . Hestebremserne . . . [Kjøbenhavn, 1891]  
 24 p. illus. 21<sup>cm</sup>.  
 Særtryk af Tidsskrift for veterinærer. Anden række. XXI.  
 Tillæg til min artikel om "En bremselarve i hjærnen hos en hest": p. 22-24.
- Boas, Johan Erik Vesti**. . . . Oksebremse . . . [Kjøbenhavn, 190-]  
 [6] p. illus. 20<sup>1</sup>/<sub>2</sub><sup>cm</sup>. (115de fortsættelse af økonomiske anmærkninger fra det Kongelige danske landhusholdningsselskab, landbefolkningen især til tjeneste)
- Bos, Jan Ritzema**. Die lebensweise und vertilgung der rinderbiesfliege oder hautdasselfliege (*Hypoderma bovis* F.) . . . Leipzig, 1890.  
 2 pts. 22<sup>1</sup>/<sub>2</sub><sup>cm</sup>.  
 From Fühling's landwirthschaftliche zeitung, bd. 39, p. 481-487, 520-526.
- Brauer, Friedrich**. Entomologische beiträge. *See under* Nemistrinidæ, p. 262.
- Brauer, Friedrich**. Monographie der cestrident, von Friedrich Brauer. Hrsg. von der K. K. Zoolog.-botan. gesellschaft in Wien . . . Wien, Druck von C. Ueberreuter, 1863.  
 3 p. l., 291, [1] p. x pl. 22<sup>cm</sup>.  
 "Literatur": p. 6-18.
- Brauer, Friedrich**. Neue beiträge zur kenntniss der europäischen cestrident. (Theilweise nachtrag zu den "Cestrident des hochwildes") . . . [Wien, 1858]  
 [449]-470 p. x-xi pl. 22<sup>1</sup>/<sub>2</sub><sup>cm</sup>.  
 From Verh. d. K. K. Zool. bot. gesellsch. 1858. bd. VIII.
- Brauer, Friedrich**. Neue beiträge zur kenntniss der europäischen cestrident . . . [Wien, 1860]  
 [641]-658 p. 22<sup>1</sup>/<sub>2</sub><sup>cm</sup>.  
 "Literatur": p. [641]-646.  
 From Verh. d. K. K. Zool. bot. gesellsch. 1860. bd. x.
- Brauer, Friedrich**. Die cestrident (dasseliegen) des hochwildes, nebst einer tabelle zur bestimmung aller europäischen arten dieser familie . . . [Wien, 1858]  
 [385]-414 p. fold. tab. 22<sup>1</sup>/<sub>2</sub><sup>cm</sup>.  
 "Literatur": p. 386-389.  
 From Verh. d. K. K. Zool. bot. gesellsch. 1858. bd. VIII.
- Brauer, Friedrich**. Ueber das sogenannte stillstandstadium in der entwicklung der cestrident-larven . . . [Wien, 1892]  
 6 p. 23<sup>cm</sup>.  
 Aus den Verhandlungen der K. K. Zoologisch-botanischen gesellschaft in Wien <jahrg. 1892> besonders abgedruckt.
- Brauer, Friedrich**. . . . Über die aus Afrika bekannt gewordenen cestrident und insbesondere über zwei neue von Dr. Holub aus Südafrika mitgebrachte larven aus dieser gruppe . . . Wien, 1892.  
 cover-title, 13 p. pl. 24<sup>1</sup>/<sub>2</sub><sup>cm</sup>.  
 Aus den Sitzungsberichten der Kaiserl. Akademie der wissenschaften in Wien. Mathem.-naturw. classe; bd. CI. abth. I. jänner 1892.
- Clark, Bracy**. An essay on the bots of horses, and other animals. By Bracy Clark . . . London, Printed for the author, 1815.  
 64 p. front., pl. 27<sup>1</sup>/<sub>2</sub><sup>cm</sup>.
- Supplementary sheet. Discovery of the fly of the white bot, mentioned at page 34-5. London, 1816.  
 [4] p. 27<sup>1</sup>/<sub>2</sub><sup>cm</sup>.

**Clark, Bracy.** An appendix or supplement to a Treatise on the Cestri and Cuterebræ of various animals . . . [London, 1841]

[81]—94 p. 27 $\frac{1}{2}$ cm.

First memoir on this subject by Clark was published in Linnean Transactions, vol. III, 1796, p. 289–329. This, enlarged, was published separately in 1815, with supplement added in 1816, and second supplement in 1841, appearing in Linnean Transactions, vol. XIX, p. 81–94.

**Clark, Bracy.** Of the insect called oistros by the ancients, and of the true species intended by them under this appellation: in reply to observations of W. S. MacLeay, Esq., and the French naturalists. To which is added, A description of a new species of Cuterebra . . . London, 1827.

402–410 p. 28cm.

From the Transactions of the Linnean society of London, vol. xv.

**Curtice, Cooper.** . . . The oxwarble of the United States . . . [n. p., 1891]

12 p. illus. 24cm.

"Literature": p. 11–12.

Reprint from the Journal of comparative medicine and veterinary archives. vol. XII, p. 265.

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Appendices: A. Abstract of Lieut.-Colonel Bruce's "Further report on the tsetse-fly disease."—B. "A note on the 'tse-tse' flies of the British Central Africa protectorate." By Captain Richard Crawshay.—C. Copies of letters on the subject of the supposed connection between the tsetse and the buffalo (*Bubalus caffer*, Sparrman); transmitted by the Foreign office to the British museum (Natural history)—D. Native methods of protecting animals from the attacks of tsetse-flies. Native prophylactics against and remedies for tsetse-fly disease. Native names for tsetse-flies.—E. The geographical distribution of nagana, and the possible transmission of the parasite of the disease by species of *Glossina* other than *G. morsitans*, and by blood-sucking flies other than tsetse—F. "A note on the origin of the word 'tse-tse.'" By Captain Richard Crawshay.—G. The species of tsetse found at Entebbe, Lake Victoria, Uganda.—H. Trypanosomiasis on the Upper Niger. A note by Dr. Cuthbert Christy.

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 Dis.—Lund.

Consists of nine dissertations, each having its own title-page, but with text and paging continuous.  
 p. 1—12: respondent, Laurentius Fred. Westman; pub. 1820. p. 13—24: respondent, Carolus Andreas Rååf; pub. 1820. p. 25—40: respondent, Josephus Wilhelmus Malmstedt; pub. 1820. p. 41—48: respondent, Carolus Jac. Sundewall. pub. 1821. p. 49—56 (pt. v): respondent, Petrus Jönsson; pub. 1823. p. 57—64 (pt. vi): respondent, H. P. Scholander, pub. 1823. p. 65—72 (pt. vii): respondent, Aug. Ludov. Hünemörder; pub. 1824. p. 73—80 (pt. viii): respondent, Laurehtius Pet. Brunnér, pub. 1825. p. 81—94 (pt. ix & ultima): respondent, Ericus Gustavus Brunnér, pub. 1825.  
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[5]-7 p. pl. 20 $\frac{1}{2}$ cm.

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234-241 p. 22 $\frac{1}{2}$ cm.

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**Blatchley, Willis Stanley.** The Orthoptera of Indiana. An illustrated descriptive catalogue of the species known to occur in the state, with bibliography, synonymy and descriptions of new species. By W. S. Blatchley . . . (*In* Indiana. Dept. of geology and natural resources. Twenty-seventh annual report . . . 1902. Indianapolis, 1903. 23 $\frac{1}{2}$ cm. p. 123-471. illus.)

Agr 3—1057

— — In separate form, with col. front. added.

**Bruner, Lawrence.** First contribution to a knowledge of the Orthoptera of Kansas . . . [Topeka ?, 1885]

125-139 p. 23cm.

"Constitutes the first report of the Washburn college biological survey of Kansas, on the order Orthoptera."

**Caudell, Andrew Nelson.** . . . Notes on Orthoptera from Colorado, New Mexico, Arizona and Texas, with descriptions of new species . . . Washington, 1903.

775-809 p. pl. 24 $\frac{1}{2}$ cm.

From the Proceedings of the United States national museum, vol. xxvi, p. 775-809 <no. 1333>

**Caudell, Andrew Nelson.** . . . Orthoptera . . . Washington, 1900.

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949-952 p. 24 $\frac{1}{2}$ cm.

From the Proceedings of the United States national museum, vol. xxvii, p. 949-952 <no. 1378>

**Fernald, Charles Henry.** The Orthoptera of New England. Designed for the use of the students in the Massachusetts agricultural college, and the farmers of the state. [Boston, 1888]

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**Rehn, James Abram Garfield.** . . . Notes on Orthoptera from Arizona, New Mexico and Colorado . . . [Philadelphia] 1904.

562-575 p. 26cm.

From the Proceedings of the Academy of natural sciences of Philadelphia, July, 1904.

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xx, 82 p. 24 $\frac{1}{2}$ cm. (Smithsonian miscellaneous collections. 189. [in v. 8])

"Authorities": p. [v]-xx.

**Scudder, Samuel Hubbard.** The Florida Orthoptera collected by Mr. J. H. Comstock . . . [Boston, 1878]

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**Scudder, Samuel Hubbard.** Guide to the genera and classification of the North American Orthoptera found north of Mexico, by Samuel Hubbard Scudder. Cambridge, E. W. Wheeler, 1897.

87, [2] p. 21 $\frac{1}{2}$ cm.

"Bibliographical notes": p. 67-82.

"List of the literature referred to in the preceding bibliographical notes": p. 83-87.



**Scudder, Samuel Hubbard.** Materials for a monograph of the North American Orthoptera. By Samuel H. Scudder . . . Cambridge [Mass.] Printed by H. O. Houghton, 1862.

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At head of title: U. S. geographical surveys west of the 100th meridian.

**Smith, Sidney Irving.** . . . On the Orthoptera of the state of Maine . . . [Portland] 1868.

[143]-151 p. 22cm.

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[63]-71 p. 23cm.

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**Thomas, Cyrus.** . . . A list of Orthoptera collected by J. Duncan Putnam, of Davenport, Iowa, during the summers of 1872-3-4 & 5, chiefly in Colorado, Utah, and Wyoming Territories . . . [Davenport, 1876]

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**Thomas, Cyrus.** . . . A list of the Orthoptera of Illinois . . . [Bloomington] 1876.

59-69 p. 22 $\frac{1}{2}$ cm.

From Bulletin no. 1, Illinois museum of natural history, December, 1876.

**Thomas, Cyrus.** . . . On the Orthoptera collected by Dr. Elliott Coues, U. S. A., in Dakota and Montana, during 1873-74 . . . [Washington, 1878]

481-501 p. 22 $\frac{1}{2}$ cm.

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1843-1847 p. 22cm.

From annual report of Lieut. E. H. Ruffner . . . Explorations and surveys in the Department of the Missouri, being App. SS of the report of the chief of engineers, U. S. War department, for 1878.

**Thomas, Cyrus.** Report upon the collections of Orthoptera made in portions of Nevada, Utah, California, Colorado, New Mexico, and Arizona, during the years 1871, 1872, 1873, and 1874 . . . [Washington, 1875]

843-908 p. XLIII-XLV pl. (2 col.) 30 $\frac{1}{2}$ cm.

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**Biologia centrali-americana.** Insecta. Orthoptera . . . [London, Pub. for the editors by R. H. Porter] 1893-1905.

v. 1-2, p. 160. plates (partly col.) 32cm.

Vol. I by Dr. H. de Saussure, assisted by Dr. L. Zehntner and A. Pictet. The Forficulidæ by Count de Bormans; vol. II (not yet complete) by L. Bruner and A. P. Morse.

Issued in parts.

Cover-titles: *Biologia centrali-americana*; or, Contributions to the knowledge of the fauna and flora of Mexico and Central America. Ed. by F. Ducane Godman and Osbert Salvin.

Aug. 1898-1905, ed. by F. Ducane Godman.

**Bolívar y Urrutia, Ignacio.** Catalogus orthopterorum Europæ et confinium . . . Madrid, 1878.

18 p. 22<sup>4</sup>cm.

From Anal. de la Soc. esp. de hist. nat., tom. vii, 1878.

**Bolívar y Urrutia, Ignacio.** . . . Énumération des orthoptères de l'île de Cuba, par Ignacio Bolívar. [Paris, Au siège de la Société, 1888]

49 p. 35<sup>cm</sup>.

Caption title.

"Extrait des Mémoires de la Société zoologique de France, pour l'année 1888."

**Bolívar y Urrutia, Ignacio.** Sinópsis de los ortópteros de España y Portugal, por Ignacio Bolívar. Madrid, Imp. de T. Fortanet, 1876.

3 p. l., 162 p. iii pl. 24<sup>1</sup>cm.

**Borck, Johann Bernhard.** Skandinaviens rätvingade insekters natural-historia af J. B. v. Borek . . . Lund, Tryckt uti Berlingska boktryckeriet, 1848.

xvi, 144, [2] p. iv col. pl. 22<sup>cm</sup>.

**Brunner von Wattenwyl, Carl.** Prodrömus der europäischen orthopteren, von C. Brunner von Wattenwyl. Mit 11 tafeln und einer karte. Leipzig, W. Engelmann, 1882.

xxxii, 466 p. xi pl., 1 map. 24<sup>cm</sup>.

"Literatur": p. xiii-xxiv.

**Finot, Adrien, i. e., P. Adrien Prosper.** Faune de la France. Insectes orthoptères, thysanoures et orthoptères proprement dits . . . Par A. Finot . . . Fontainebleau, L'auteur; Paris, É. Deyrolle, 1890.

322 p., 1 l. 13 pl. 25<sup>cm</sup>.

"Bibliographie": p. [13]-14.

**Fischer, Leopold Heinrich.** Orthoptera europaea, auctore Leop. Henrico Fischer . . . Lipsiae, sumtibus G. Engelmann; [etc., etc.] 1853. Agr 3—782

xx, 454 p. xviii pl. (1 col.) 29<sup>cm</sup>.

Authorities consulted: p. [ix]-xiv.

**Houlbert, Constant Vincent.** Faune analytique illustrée des orthoptères de France contenant la description de 175 espèces ou variétés et 218 figures au trait, par Constant Houlbert . . . Paris, MM. les fils d'Émile Deyrolle, 1900.

1 p. l., 55 p. illus. 28<sup>cm</sup>.

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**Jakobson, Georg Georg.** Прямокрылые и ложнощитчатокрылые Российской империи и сопредельных странъ. Составлено Г. Г. Якобсономъ и В. Л. Бианки . . . по Dr. R. Tümpel'ю Die geradflügler Mitteleuropas . . . С.-Петербургъ, изданіе А. О. Девриена, 1905.

3 p. l., x p., 1 l., 952 p., 1 l. illus., xxv pl. (22 col.) 28<sup>cm</sup>.

Orthoptera and Pseudoneuroptera of the Russian empire and adjacent countries. By G. G. Jakobson and V. L. Bianchi . . . after Dr. R. Tümpel's Die geradflügler Mitteleuropas.

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**Kirby, William Forsell.** List of a small collection of orthopterous insects formed by Sir Harry Johnston in British East Africa and Uganda in 1899 and 1900, with descriptions of five new species . . . London] 1902.

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**Krauss, Hermann August.** Beitrag zur kenntniss westafrikanischer orthopteren . . . Jena [1890]

2 pts. 2 double pl. 23<sup>1</sup>cm.

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**Krauss, Hermann August.** Die dermapteren und orthopteren Siciliens . . . Wien 1887.

24 p. 22<sup>cm</sup>.

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**Krauss, Hermann August.** Erklärung der orthopteren-tafeln J. C. Savigny's in der "Description de l'Égypte" . . . Wien, 1890.

48 p. 22 $\frac{1}{2}$ cm.

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**Saussure, Henri de.** *Études sur les myriapodes et les insectes*, par M. Henri de Saussure . . . [Paris, Imprimerie, 1870]

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1 p. l., [569]—664 p., 2 l. xxxvii—xxxviii pl. 30 x 23 $\frac{1}{2}$ cm.

"Sonderabdruck aus den Abhandlungen der Senckenbergischen naturforschenden gesellschaft, bd. xxi, hft. iv. (Voeltzkow, Wissenschaftliche ergebnisse der reisen in Madagascar und Ost-Afrika in den jahren 1889—1895)"

**Saussure, Henri de.** . . . *Orthoptera nova americana* (diagnoses præliminaires)

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**Saussure, Henri de.** . . . *Orthoptères*, par M. Henri de Saussure . . . St.-Petersbourg, Moscou, 1874.

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**Saussure, Henri de.** *Orthoptères de l'Amérique moyenne*, par Henri de Saussure . . . Genève, Impr. Ramboz et Schuchardt, 1864.

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**Schulthess-Rechberg, Anton von.** . . . *Orthoptères* . . . [Lausanne, 1899]

191—215 p., VII—VIII pl. 21 $\frac{1}{2}$ cm. (H. A. Junod. *La faune entomologique du Delagoa*, II)

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**Scudder, Samuel Hubbard.** *Notice of the butterflies and Orthoptera*, collected by Mr. George M. Dawson. *See under Rhopalocera*, p. 322.

**Scudder, Samuel Hubbard.** . . . *The Orthoptera of the Galapagos islands* . . . Cambridge, 1893.

25 p. III pl. 24 $\frac{1}{2}$ cm. (Reports on the dredging operations off the west coast of Central America to the Galapagos, to the west coast of Mexico, and in the Gulf of California, in charge of Alexander Agassiz, carried on by the U. S. Fish commission steamer "Albatross" during 1891. . . VII)

*Bulletin of the Museum of comparative zoölogy at Harvard college*. vol. xxv. no. I.

**Tepper, J. Gottlieb Otto.** *Descriptions of new or little-known species of Blattariæ, Gryllacridæ, and Stenopelmatidæ collected at Lake Callabonna, S. A.* . . . [Adelaide] 1895.

[19]—24 p. 21cm.

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**Tepper, J. Gottlieb Otto.** . . . *Descriptions of some new species of Orthoptera from north-western South Australia*. no. 1. [Adelaide] 1904.

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**Tepper, J. Gottlieb Otto.** . . . *Orthoptera* . . . [Adelaide, 1893]

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**Tümpel, R.** *Die geradflügler Mitteleuropas*, von Dr. R. Tümpel. Mit 20 von W. Müller noch der natur gemalten farbigen und 3 schwarzen tafeln nebst zahlreichen textabbildungen. Eisenach, M. Wilckens verlag, 1901.

2 p. l., 308 p. illus., xxiii pl. (20 col.) 28cm.

**White, Adam.** List of the specimens of British animals in the collection of the British museum. Pt. xvii. Nomenclator of Anoplura, Euplexoptera and Orthoptera. London, Printed by order of the trustees, 1853. Agr 3-825  
17 p. 18<sup>cm</sup>.

## FAMILIES.

## HEMIMERIDÆ.

**Saussure, Henri de.** . . . Note supplémentaire sur le genre Hemimerus . . . Genève, 1896.

[277]-299, [1] p. pl. 24<sup>cm</sup>.

From Revue suisse de zoologie, tome iv.

**Saussure, Henri de.** Spicilegia entomologica genavensia scripsit Henricus de Saussure . . . 1-[2] Genève, Impr. C. Schuchardt, 1879-87.

2 pts. 3 pl. 30<sup>4</sup>-31<sup>4</sup><sup>cm</sup>.

Pt. 1, tiré des Mémoires de la Société de physique et d'histoire naturelle de Genève, t. xxvi, 2 partie.

CONTENTS.—1. Genre Hemimerus.—2. Tribu des pamphagiens.

## FORFICULIDÆ.

**Burr, Malcolm.** . . . Notes on the Forficularia . . . [London] 1899-1900.

pt. i-vi. pl. 22<sup>cm</sup>.

From the Annals and magazine of natural history, ser. 7, vol. iv, p. 252-260, vol. vi, p. 79-101.

**Kirby, William Forsell.** . . . Descriptions of new species of Forficulidæ in the collection of the British Museum (nat. hist.), S. Kensington . . . [London] 1896.

[520]-529 p. pl. 22<sup>cm</sup>.

Extracted from the Linnean society's journal—zoology, vol. xxv.

**Rehn, James Abram Garfield.** . . . Studies in old world forficulids or earwigs, and blattids or cockroaches . . . Washington, 1904.

539-560 p. 24<sup>cm</sup>.

From the Proceedings of the United States national museum, vol. xxvii, p. 539-560. <no. 1363>

## BLATTIDÆ.

**Blatchley, Willis Stanley.** The Locustidæ and Blattidæ of Indiana. See under Locustidæ, p. 287.

**Brunner von Wattenwyl, Carl.** Nouveau système des blattaires par Charles Brunner de Wattenwyl. Ouvrage publié par la Société i. r. de zoologie et de botanique, et accompagné de 13 planches. Vienne, G. Braumüller; [etc., etc.] 1865.

xi, 426 p. xiii pl. 22<sup>cm</sup>.

**Kirby, William Forsell.** . . . Notes on a collection of African Blattidæ, chiefly from the Transvaal, formed by Mr. W. L. Distant . . . [London] 1900.

[277]-294 p. 22<sup>cm</sup>.

From the Annals and magazine of natural history, ser. 7, vol. v, March, 1900.

**Marlatt, Charles Lester.** Cockroaches. Washington, 1902.

15 p. illus. 23<sup>cm</sup>. (U. S. Agriculture, Dept. of—Entomology, Division of. Circular, ser. 2, no. 51)

"Revised reprint from Bulletin no. 4, new series, Division of entomology, U. S. department of agriculture, pp. 84-95."

**Miall, Louis Compton.** . . . The structure and life-history of the cockroach (*Periplaneta orientalis*); an introduction to the study of insects, by L. C. Miall . . . and Alfred Denny . . . London, L. Reeve & co. [etc.] 1886. Agr 3-1142

4 p. l., 224 p. illus. 22<sup>cm</sup>. (Studies in comparative anatomy. iii)

**Rehn, James Abram Garfield.** Studies in old world forficulids or earwigs, and blattids or cockroaches. See above under Forficulidæ.

**Saussure, Henri de.** Revision de la tribu des hétérogamiens (orthoptères de la famille des blattides) . . . Genève, 1893.

[289]-318 p. 24<sup>4</sup><sup>cm</sup>.

From Revue suisse de zoologie, tome 1<sup>re</sup>.

**Saussure, Henri de.** Revision de la tribu des panesthiens et de celle des épilampiens, insectes orthoptères de la famille des blattides, par Henri de Saussure . . . Genève, Impr. Aubert-Schuchardt, Rey & Malavallon, successeurs, 1895.

1 p. l., [299]-364 p., 1 l. pl. 24½cm.

Extrait de la Revue suisse de zoologie, t. III, fasc. 2, 1895.

**Saussure, Henri de.** Revision de la tribu des périssphæriens, insectes orthoptères de la famille des blattides, par H. de Saussure et Léo Zehntner . . . Genève, Impr. Aubert-Schuchardt, 1895.

1 p. l., 59, [1] p. pl. 25cm.

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**Tepper, J. Gottlieb Otto.** The Blattariæ of Australia and Polynesia . . . [Adelaide, 1893]

[25]-130 p. 21½cm.

From the Transactions of the Royal society of South Australia, 1893.

**Tepper, J. Gottlieb Otto.** Notes on Victorian and other Blattariæ and descriptions of new species . . . [Adelaide, 1895]

[46]-166 p. 21½cm.

"From the Transactions of the Royal society of South Australia, 1895."

#### PHASMIDÆ.

**Bates, Henry Walter.** . . . Descriptions of fifty-two new species of Phasmidæ from the collection of Mr. W. Wilson Saunders, with remarks on the family . . . [London, 1866]

321-359 p. 44-45 p. 30cm.

From the Transactions of the Linnean society, vol. xxv.

**Berg, Carlos.** . . . Sobre algunos anismórfidos chileno-argentinos . . . [Buenos Aires] 1899.

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**Hancock, Joseph Lane.** The Tettigidae of North America, by Joseph Lane Hancock . . . Chicago, Pub. by special grant of Mrs. F. G. Logan, 1902. Agr3—982 vi p., 1 l., 188 p. illus., xi pl. 27 $\frac{1}{2}$ cm.  
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**Bemmelen, Johan Frans van.** De ontwikkeling der vlindervleugels in de pop. Voordracht gehouden in de bestuursvergadering van 16 oktober 1890 . . . Batavia en Noorwijk, 1890.

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**Beutenmüller, William.** Some notes on transformations of Australian Lepidoptera, made by the late Henry Edwards, with notes and additions by William Beutenmüller. New York, 1892.

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7 v. and atlas. 24, 58 pl. (partly col.) 21<sup>cm</sup>.

Agr 3-771

The work was begun by Boisduval, who after the publication of one volume associated with himself Guenée, by whom v. 5-10 were written. Vols. 2-4 were to be devoted to the completion of the Diurnes by Boisduval, but they seem never to have been published.

"Abréviations et liste des ouvrages cités": v. 5, p. [xci]-xcvi.

CONTENTS.—t. 1. [Diurnes; papilionides, jectrides, par J. A. Boisduval] 1836.—t. 5-7. Noctuérites, par M. A. Guenée. t. 1-3. 1852.—t. 8. Deltoïdes et pyralites, par M. A. Guenée. 1854.—t. 9-10. Uranides et phalénites. t. 1-2. 1857.—Atlas. 1858.

**Butler, Arthur Gardiner.** . . . Corrections and addenda to certain papers on Lepidoptera published during the years 1865-66; with additional notes on some of the species described . . . [London] 1866.

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**Comstock, John Henry.** Evolution and taxonomy. See under Anatomy and physiology, p. 39.

**Cramer, Pieter.** De uitlandsche kapellen voorkomende in de drie waereld-deelen Asia, Africa en America, by een verzameld en beschreeven door den Heer Pieter Cramer . . . Onder deszelfs opzigt allen naar het leven getekend, in het koper gebragt en met natuurlyke koleuren afgetekend . . . Papillons exotiques des trois parties du monde l'Asie, l'Afrique et l'Amerique. Rassemblés et décrits par Mr. Pierre Cramer . . . Dessinés sur les originaux, gravés et enluminés sous sa direction . . . Amsterdam, S. J. Baalde [etc., etc.] 1779-82.

8 pts. in 4 v. cccc col. pl. 31<sup>cm</sup>.

Deel 1 of text and deel 1 of plates have each a col. engr. half t.-p added. Deel 1-4 of plates have separate title-pages.

— Aanhangsel . . . vervattende naauwkeurige afbeeldingen van surinaamsche rupsen en poppen; als mede van veele zeldzaame en nieuwe ontdekte uitlandsche dag en nagt-kapellen. By een verzameld en beschreeven door Caspar Stoll . . . contenant les figures exactes des chenilles et des chrysalides de Suriname; comme celles des plusieurs rares et nouvellement decouvertes papillons et phalènes. Rassemblées et décrits par Mr. C. Stoll . . . Amsterdam, Chez N. T. Gravius, 1791.

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- Dimmock, George.** George Dimmock's catalogue of Coleoptera & Lepidoptera. See under Coleoptera, p. 183.
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1869 is preface date of bd. 2, lief 1, which has no t.-p. date.
- Horsfield, Thomas.** A catalogue of the lepidopterous insects in the museum of the Hon. East-India company. By Thomas Horsfield . . . and Frederic Moore . . . London, W. H. Allen and co., 1857-59. Agr 4—238  
2 v. 36 pl. 23<sup>cm</sup>.
- Hübner, Jacob.** Sammlung exotischer schmetterlinge, errichtet von Jacob Hübner. 1806 . . . Augsburg, Im verlag der Hübner'schen werke bey C. Geyer [1806] Agr 3—787-8  
2 v. 438 col. pl. 24<sup>cm</sup>.  
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Hagen's Bibliotheca entomologica gives dates of publication as 1806-24.

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5 pts. 172 col. pl. 25 $\frac{1}{2}$ cm.

Minor variations in titles of parts.

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**Schilde, Johannes Gustav.** Schach dem Darwinismus! Studien eines lepidopterologen. Von Johannes Schilde. Hrg. von dem Entomologischen verein in Berlin. Berlin, R. Friedländer & sohn, 1890.

4 p. 1., 360 p. 23<sup>1</sup>/<sub>2</sub>cm. (Added t.-p.: Berliner entomologische zeitschrift . . . 34. bd. . . )

**Staudinger, Otto.** Exotische schmetterlinge, von Dr. O. Staudinger und Dr. E. Schatz . . . Fürth, G. Löwensohn, 1888-92.

Agr 3—368

2 pts. in 3 v. illus., 150 pl. (100 col.) 1 fold. map. 36<sup>1</sup>/<sub>2</sub>cm.

CONTENTS.—1. th. Exotische tagfalter in systematische reihenfolge mit berücksichtigung neuer arten von Dr. O. Staudinger unter technischer mitwirkung von Dr. H. Langhans. 1. bd. Beschreibungen. 2. bd. Abbildungen.—2. th. Die familien und gattungen der tagfalter systematisch und analytisch bearb. von Dr. E. Schatz, nach dem tode des verfassers fortgesetzt von J. Röber.

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22 p. 24cm.

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Agr 4—230-1

143 p. 15 col. pl. 29<sup>1</sup>/<sub>2</sub>cm.

Issued in 15 nos.

— — — Supplement no. 1-3. By Herman Strecker. Reading, Pa., Printed for the author, 1898-1900.

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**Tutt, James William.** Melanism and melanochroism in British Lepidoptera, by J. W. Tutt . . . London, S. Sonnenschein and co., 1891. Agr 4—234

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8 p. 23<sup>cm</sup>.

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40—48 p. 21<sup>cm</sup>.

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[199]—230 p. 24 $\frac{1}{2}$ <sup>cm</sup>.

From the Annals of the New York academy of sciences. vol. v, March, 1890.

**Brooklyn entomological society.** Check list of the macro-lepidoptera of America, north of Mexico . . . Brooklyn, N. Y., Brooklyn entomological society, 1882. Agr 4—259

2 p. l., 25, iv p. 24<sup>cm</sup>.

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5 pts. 24 $\frac{1}{2}$ <sup>cm</sup>.

From Proceedings of the Academy of natural sciences of Philadelphia, v. 11, p. 256—262, 317—328, v. 12, p. 4—16, 156—174, 203—232.

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2 v. illus., 56 pl. 25 $\frac{1}{2}$ <sup>cm</sup>.

Originally issued in 8 sections, and published 1897—1900, Part I: The moths; part II: The butterflies.

"A limited edition of 500 copies."

"The colored plates, or nature prints, used in the work, are direct transfers from the insects themselves . . . the scales of the wings of the insects are transferred to the paper while the bodies are printed from engravings and afterwards colored by hand."

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12 p. 23 $\frac{1}{2}$ <sup>cm</sup>.

From the Journal of the Cincinnati society of natural history, v. 1, p. 12, 1881.

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xix, 723 p. 24<sup>cm</sup>. (Added t.p.: Smithsonian institution. United States national museum. Bulletin . . . no. 52.)

"List of works quoted": p. ix—xix.



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**Edwards, Henry.** Pacific coast Lepidoptera. [San Francisco] 1873-78.

30 pts. 24<sup>1</sup>/<sub>2</sub><sup>cm</sup>.

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35 p. 2 col. pl. 24<sup>1</sup>/<sub>2</sub><sup>cm</sup>.

Reprinted from the Annals of the Lyceum of natural history of New York, vol. VIII, April, 1867.

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"Authorities": p. [v]-vii.

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Agr 3-803

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Agr 4-3607

2 v. civ col. pl. 41<sup>cm</sup>.

Added t.-p. in French.

Text in English and French.

**Smith, John Bernhard.** List of the Lepidoptera of boreal America, by John B. Smith . . . assisted by Henry Skinner, M. D., Geo. D. Hulst, PH. D., C. H. Fernald, PH. D., C. V. Riley, PH. D. Philadelphia, American entomological society, 1891.  
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2 p. l., ii, 283 p. 25<sup>cm</sup>.

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vi p., 1 l., 202, [1] p. 23<sup>1</sup>/<sub>2</sub><sup>cm</sup>.

"I. Függelék. Külföldi lepkészeti irodalom": p. 127-174.

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**Aurivillius, Per Olof Christopher.** . . . Grönlands insektfauna. I. Lepidoptera, Hymenoptera . . . Stockholm, 1890.

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1135-1144 p. 21 $\frac{1}{2}$ cm.

Öfversigt af Kongl. vetenskaps-akademiens Förhandlingar 1900. N:o 10.

**Aurivillius, Per Olof Christopher.** Lepidoptera of the Swedish zoological expedition to Egypt and the White Nile . . . [Upsala, 1903]

9 p., illus. 24cm. (On cover: Results of the Swedish zoological expedition to Egypt and the White Nile, 1901, under the direction of L. A. Jägerskiöld. No. 8)

**Aurivillius, Per Olof Christopher.** . . . Verzeichniss einer von den Herren missionären E. Laman und W. Sjöholm bei Mukinbundu am unteren Congo zusammengebrachten schmetterlingssammlung . . . Stockholm, 1900.

1039-1058 p. 21cm.

Öfversigt af Kongl. vetenskaps-akademiens Förhandlingar, 1900. n:o 9.

**Berg, Carlos.** . . . Observaciones sobre lepidópteros argentinos y otros sud-americanos . . . Buenos Aires, 1899.

[369]-390 p. 26 $\frac{1}{2}$ cm.

From Anales del Museo nacional de Buenos Aires. Tomo vi, p. 369 á 390.

**Berg, Carlos.** . . . Sobre algunas larvas de lepidópteros argentinos . . . Buenos Aires, 1900.

[206]-208 p. 24 $\frac{1}{2}$ cm.

Comunicaciones del Museo nacional de Buenos Aires. T. i, N° 6, p. 206 á 208. 23 de mayo de 1900.

**Bergsträsser, Johann Andreas Benignus.** Naturgeschichte der europäischen schmetterlinge . . . für liebhaber welche die nomenclatur der hanauischen insecten nicht besitzen besonders hrsg. von Joh. Andr. Benignus Bergsträsser . . . Hanau, Im verlage des verfassers, 1779-80.

Agr 4-3456

3 pts. in 1 v. 82 col. pl. 24cm.

Pl. 12 wanting.

Forms jahrg. II-IV of his Nomenclatur und beschreibung der insecten in der grafenschaft Hanau-Münzenberg . . . 1778-80.

**Boisduval, Jean Alphonse.** Considérations sur des lépidoptères envoyés du Guatemala à M. de l'Orza par le Dr Boisduval. Rennes, 1870.

1 p. l., 100 p. 25cm.

**Boisduval, Jean Alphonse.** Europæorum lepidopterorum index methodicus; auctore J. A. Boisduval . . . Pars prima, sistens genera Papilio, Sphinx, Bombyx et Noctua Lin. Parisiis, apud Méquignon-Marvis; [etc., etc.] 1829.

103 p. 20cm.

**Boisduval, Jean Alphonse.** Faune entomologique de Madagascar, Bourbon et Maurice. Lépidoptères. Par le docteur Boisduval . . . Avec des notes sur les mœurs par M. Sganzin . . . Paris, Roret, 1833.

Agr 4-3411

2 p. l., 122 p. 16 col. pl. 27cm.

**Boisduval, Jean Alphonse.** Genera et index methodicus europæorum lepidopterorum, a doctore J. A. Boisduval . . . Parisiis, Roret, 1840.

Agr 4-3398

viii, [1] p., 1 l., 238 p. 23 $\frac{1}{2}$ cm.

**Boisduval, Jean Alphonse.** Histoire générale et iconographie des lépidoptères et des chenilles de l'Amérique septentrionale, par le docteur Boisduval . . . et M. John Leconte . . . Tome 1. Paris, Roret, 1833.

2 p. l., 228 p. 78 col. pl. 23cm.

A second t.-p. preceding plates reads as above except that it gives no volume number.

**Boisduval, Jean Alphonse.** Icones historique des lépidoptères nouveaux ou peu connus. Collection, avec figures coloriées, des papillons d'Europe nouvellement découverts; ouvrage formant le complément de tous les auteurs iconographes; par le docteur Boisduval . . . Paris, Roret, 1832-34.

Agr 4-3401

2 v. in 1. 84 col. pl. 23 $\frac{1}{2}$ cm.

Issued in 42 pts., 1832-41.

**British Lepidoptera.** Omitting Tineæ except Epigraphidæ and Psychidæ (the arrangement and nomenclature as adopted by Doubleday from Guenée). . . . York, 1860.

[4] p. 22<sup>cm</sup>.

**Burmeister, Hermann Carl Conrad.** Description physique de la république Argentine d'après des observations personnelles et étrangères, par le D<sup>r</sup> H. Burmeister . . . Tome cinquième, Lépidoptères; première partie contenant les diurnes, crépusculaires et bombycoïdes. Avec un atlas de xxiv planches in-4°. Buénos-Ayres, Imprimerie de P.-E. Coni, [etc., etc.] 1878.

vi, 524, [2] p. 24<sup>cm</sup>.

**Carpenter, George Herbert.** . . . A collection of Lepidoptera from Lokoja, West Africa . . . [Dublin] 1895.

304-310 p. illus. 21½<sup>cm</sup>.

From Scientific proceedings of the Royal Dublin society, vol. viii (n. s.), part iv, no. 89.

**Carpenter, George Herbert.** Reports on the zoological collections made in Torres Straits by Prof. A. C. Haddon, 1888-1889. Lepidoptera from Murray Island. By G. H. Carpenter . . . [Dublin, 1891]

4 p. 21½<sup>cm</sup>.

From the Scientific proceedings of the Royal Dublin society, vol. vii, part i.

**Christ, H.** Nachtrag zu der Uebersicht der um Basel gefundenen tagfalter und Sphinges L. . . . [Basel, 1886]

[127]-132 p. 21<sup>cm</sup>.

From Verhandlungen der Naturforschenden gesellschaft in Basel, v. 8. Uebersicht appeared in v. 6, 1877, p. 363-388 of same publication.

**Christoph, Hugo Theodor.** Die lepidopteren des Acha-Tekke-gebietes . . . [Brünn, 1889]

36 p. 24½<sup>cm</sup>.

From Verhandlungen d. Naturf. vereins in Brünn. xxvii. bd. 1889.

**Druce, Herbert.** . . . Descriptions of new species of Lepidoptera, chiefly from Central America . . . [London] 1888-1890.

pt. [1-3] 22<sup>cm</sup>.

From the Annals and magazine of natural history, ser. 6, vol. vii, p. [234]-242, September 1888; vol. viii, p. [77]-94, July 1889; vol. ix, p. [213]-218, March 1890.

**Druce, Herbert.** . . . Descriptions of some new species of Lepidoptera from East Africa and tropical America . . . [London] 1901.

[432]-444 p. 21½<sup>cm</sup>.

From the Annals and magazine of natural history, ser. 7, vol. vii, May 1901.

**Druce, Herbert.** . . . Descriptions of some new species of Lepidoptera from South America and one from North Australia . . . [London] 1903.

[220]-222 p. 21½<sup>cm</sup>.

From the Annals and magazine of natural history, ser. 7, vol. xii, August 1903.

**Druce, Herbert.** A list of the lepidopterous insects collected by Mr. L. Layard at Chentaboon and Nahconchaisee, Siam, with descriptions of new species . . . [London] 1874.

[102]-109 p. 1 col. pl. 22<sup>cm</sup>.

From the Proceedings of the Zoological society of London, January 20, 1874.

**Duponchel, Philogène Auguste Joseph.** Catalogue méthodique des lépidoptères d'Europe distribués en familles, tribus et genres, avec l'exposé des caractères sur lesquels ces divisions sont fondées, et l'indication des lieux et des époques où l'on trouve chaque espèce, pour servir de complément et de rectification à l'histoire naturelle des lépidoptères de France, devenue celle des lépidoptères d'Europe par les suppléments qu'on y a ajoutés, par M. P. A. J. Duponchel . . . Paris, Méquignon-Marvis fils, 1844.

xxx p., 1 l., 523 p. 20½<sup>cm</sup>.

**Durrant, John Hartley.** . Contributions to the knowledge of the entomological fauna of Hertfordshire. No. 1.—Lepidoptera . . [London] 1888.

[63]—75 p. 21½<sup>em</sup>.

From the Transactions of the Hertfordshire natural history society, vol. v, pt. 3, December, 1888.

**Durrant, John Hartley.** . List of Lepidoptera observed in the neighborhood of Hitchin and at Knebworth, Herts . . . [London] 1885.

[261]—266 p. 21½<sup>em</sup>.

From the Transactions of the Hertfordshire natural history society, vol. III, pt. 7, December, 1885.

**Dyar, Harrison Gray.** . The Lepidoptera of the Kootenai district of British Columbia . . . Washington, 1904.

779—938 p. 25<sup>em</sup>.

From the Proceedings of the United States national museum, vol. xxvii, p. 779—938 <No. 1376>

**Eastlake, F. Warrington.** . . . Entomologia hongkongensis. Report on the Lepidoptera of Hongkong . . . [Philadelphia] 1885.

81—88 p. 22½<sup>em</sup>.

From Proceedings of the Academy of natural sciences of Philadelphia, 1886.

**Fischer, J. E., edler von Röslerstamm.** Abbildungen zur berichtigung und ergänzung der schmetterlingkunde, besonders der microlepidopterologie als supplement zu Treitschkés und Hübner's Europaischen schmetterlingen, mit erläuterndem text. Hrsg. von J. E. Fischer, edlen von Röslerstamm . . . Leipzig, In der J. C. Hinrich'schen buchhandlung; Nixdorf in Böhmen, Bei dem verfasser, 1834. Agr 4—3534

1 p. l., v, [6]—304, [4] p. 100 col. pl. 27<sup>em</sup>.

**Foetterle, José G.** Descrição de lepidopteros do Brazil . . . [São Paulo, 1901]

[618]—652 p. xv—xviii col. pl. 24<sup>em</sup>.

From Revista do Museu Paulista, vol. v, 1901.

**Frey, Heinrich.** Die lepidopteren der Schweiz. Von Professor Dr. Heinrich Frey. Leipzig, W. Engelmann, 1880.

xxvi, 454 p. 24<sup>em</sup>.

"Literatur-verzeichniss mit den abkürzungen": p. [vii]—viii.

**Godman, Frederick Du Cane.** Catalogue of Lepidoptera collected by Mr. S. N. Walter in the island of Billiton. Rhopalocera by F. D. Godman and Osbert Salvin; Heterocera by H. Druce. [London] 1878.

637—643 p. 1 col. pl. 22<sup>em</sup>.

From the Proceedings of the Zoological society of London, June 4, 1878.

**Godman, Frederick Du Cane.** . . . On the Lepidoptera collected by the late W. A. Forbes on the banks of the lower Niger. Rhopalocera by F. D. Godman and O. Salvin. Heterocera by H. Druce. [London] 1884.

219—229 p. 1 col. pl. 22½<sup>em</sup>.

From the Proceedings of the Zoological society of London, April 1, 1884.

**Gordon, W. J.** Our country's butterflies & moths and how to know them. A guide to the Lepidoptera of Great Britain. By W. J. Gordon . . . With a thousand examples in colour by H. Lynn. And many original diagrams. London, Day & son [etc.] [1896]

vii, [1], 150 p. col. front., illus., 32 col. pl. 19½<sup>em</sup>.

Agr 3—336

**Haworth, Adrian Hardy.** Prodromus lepidopterorum britannicorum. A concise catalogue of British lepidopterous insects, with times and places of appearance in the winged state. By a fellow of the Linnean society . . . London, Printed by J. Parslee, for T. Hurst, 1802.

1 p. l., vi p., 1 l., 39, 6 p. 19½<sup>em</sup>.

Agr 4—3550

**Heinemann, H. von.** Die schmetterlinge Deutschlands und der Schweiz, systematisch bearb. von H. von Heinemann. Nebst analytischen tabellen zum bestimmen der schmetterlinge. Zweite abtheilung. Kleinschmetterlinge. Braunschweig, In commission bei C. A. Schwetschke und sohn (M. Bruhn), 1863—77.

2 v. 22½<sup>em</sup>.

CONTENTS.—bd. I, hft. I. Die wickler. 1863.—bd. I, hft. II. Die zünsler. 1865.—bd. II, hft. I. Die motten und federmotten. 1870.—bd. II, hft. II. Die motten und federmotten, von H. v. Heinemann und Dr. M. F. Wecke. 1877.

**Herrich-Schäffer, Gottlieb August Wilhelm.** Systematische bearbeitung der schmetterlinge von Europa, zugleich als text, revision und supplement zu Jakob Hübner's sammlung europäischer schmetterlinge, von Dr. G. A. W. Herrich-Schäffer . . . Regensburg, In commission bei G. J. Manz, 1843-56.

6 v. in 2. 672 pl. (636 col.) 28<sup>cm</sup>.

Incomplete, 250 plates wanting.

**Hewitson, William Chapman.** Descriptions of new Indian lepidopterous insects from the collection of the late Mr. W. S. Atkinson . . . Calcutta, Pub. by the Asiatic society of Bengal, 1879-82.

pt. 1-2. 4 col. pl. 32<sup>cm</sup>.

CONTENTS.—pt. 1. Rhopalocera, by William C. Hewitson. Heterocera (Sphingidæ-Hepialidæ), by Frederic Moore . . . With an introductory notice, by Arthur Grote.—pt. 2. Heterocera (continued) (Cymatophoridæ-Herminiidæ), by Frederic Moore.

**Hofmann, Ernst.** Die gross-schmetterlinge Europas . . . Von professor Ernst Hofmann . . . 2. aufl. Stuttgart, Verlag der C. Hoffmann'schen verlagsbuchhandlung (A. Bleil) 1894.

Agr 5—522

1 p. l., xxxi, 240 p. illus., 71 col. pl. 29½<sup>cm</sup>.

"Verzeichniss der autoren": p. [239]-240.

**Holland, William Jacob.** . . . List of the Lepidoptera collected in East Africa, 1894, by Mr. William Astor Chanler and Lieutenant Ludwig von Höhnel . . . Washington, 1896.

741-767 p. 24½<sup>cm</sup>.

From the Proceedings of the United States national museum, vol. xviii <No. 1098>

**Holland, William Jacob.** . . . 1. List of the Lepidoptera collected in eastern Africa by Dr. W. L. Abbott, with descriptions of some apparently new species. 2. List of the Lepidoptera collected in Somaliland, East Africa, by Mr. William Astor Chanler and Lieut. von Höhnel. 3. List of the Lepidoptera from Aldabra, Seychelles, and other East African islands, collected by Dr. W. L. Abbott. 4. List of the Lepidoptera collected in Kashmir by Dr. W. L. Abbott . . . Washington, 1895.

229-279 p. vii-viii pl. 24½<sup>cm</sup>.

From the Proceedings of the United States national museum, vol. xviii, p. 229-279 <Nos. 1062, 1063, 1064, 1065>

**Hübner, Jacob.** Systematisch-alphabetisches verzeichniss aller bisher bey den für bildungen zur sammlung europäischer schmetterlinge angegebenen gattungsbezeichnungen, mit vormerkung auch augsburgischer gattungen; von Jacob Hübner. 1822. Augsburg, Bey dem verfassers zu finden [1822]

Agr 3—342

vi, 81 p. 21<sup>cm</sup>.

**Kappel, August Wilhelm.** British and European butterflies and moths (Macrolpidoptera) By A. W. Kappel . . . and W. Egmont Kirby . . . With thirty coloured plates by H. Deuchert and S. Slocombe. London, E. Nister; New York, E. P. Dutton & co., [1895]

xvi, 273 p. xxx col. pl. 29½<sup>cm</sup>.

**Kirby, William Forsell.** The butterflies and moths of Africa . . . Being a paper read before the Victoria institute . . . [London, 1889-90]

12 p. 21½<sup>cm</sup>.

"Remarks on the foregoing paper. By the Rev. F. A. Walker", p. 9-12.

Author's copy, from the Journal of transactions of the Victoria institute, v. 23.

**Kirby, William Forsell.** The butterflies and moths of Europe . . . London, Paris, New York and Melbourne, 1903.

5—18941

lxxii, 432 p. illus., pl., 54 col. pl. (incl. front). 27½<sup>cm</sup>.

Each pl. has guard-sheet with descriptive letter-press.

**Kirby, William Forsell.** European butterflies and moths . . . Based upon Berge's "Schmetterlingsbuch". By W. F. Kirby . . . London, Petter, Galpin & co., 1882.

Agr 4—290

xvi, lvi, 427 p. 62 pl. (61 col.) 28<sup>cm</sup>.

Plates bound separately.

**Kirby, William Forsell.** Familiar butterflies and moths, by W. F. Kirby . . . London, New York [etc.] Cassell and company, limited, 1901.

[iii]-viii, 144 p. illus., xviii col. pl. incl. front. 24 $\frac{1}{2}$ cm.

Each plate accompanied by leaf of explanatory text.

**Kirby, William Forsell.** . . . On the collection of Lepidoptera formed by Basil Thomson, Esq., in the Louisiade archipelago . . . [London] 1889.

[156]-167 p. 21 $\frac{1}{2}$ cm.

From the Annals and magazine of natural history for August 1889.

**List of British Lepidoptera.** [London, 18—]

12 p. 19cm.

**Lucas, Hippolyte i. e. Pierre Hippolyte.** Histoire naturelle des lépidoptères d'Europe, par H. Lucas . . . [Ed. 2] Paris, L. de Bure, 1845.

Agr 3—345

2 p. l., viii, 216 p. 79 (i. e. 81) pl. (partly col.) 24 $\frac{1}{2}$ cm. ([Bibliothèque zoologique])

Has, preceding plates, engr. and decorated half t.-p.

**Mabille, Paul.** Lépidotères, par M. P. Mabille. [Paris, 1888] Agr 3—1257  
35 p. iii col. pl. 28cm. ([Ministères de la marine et de l'instruction publique. Mission scientifique du Cap Horn. 1882-1883. Tome vi. Zoologie. Insectes])

**Martin, Joanny.** Les lépidoptères d'Europe; introduction à l'étude des papillons suivie de tableaux de détermination des familles, des tribus, des genres, et de la plupart des espèces européennes, par Joanny Martin . . . Paris, Schleicher frères & cie [n. d.] Agr 5—688

2 p. l., vi, 801 p. illus., liv col. pl. 13 $\frac{1}{2}$  x 17 $\frac{1}{2}$ cm.

**Meyrick, Edward.** A handbook of British Lepidoptera, by Edward Meyrick . . . London and New York, Macmillan and co., 1895.

vi p., i l., 843, [1]p. illus. 20cm.

**Moore, Frederic.** The Lepidoptera of Ceylon. By F. Moore . . . (Pub. under the special patronage of the government of Ceylon.) London, L. Reeves & co., 1880-87.

3 v. 215 col. pl. 30cm.

**Moore, Frederic.** List of the Lepidoptera collected by the Rev. J. H. Hocking, chiefly in the Kangra district, N. W. Himalaya; with descriptions of new genera and species . . .

Pt. I. xi-xii col. pl. 21 $\frac{1}{2}$ cm.

From the Proceedings of the Zoological society of London, February 21, 1882, p. 234-263.

**Moore, Frederic.** Scientific results of the second Yarkand mission; based upon the collections and notes of the late Ferdinand Stoliczka, Ph. D. Lepidoptera, by Frederic Moore . . . Published by order of the government of India. Calcutta, Office of the Superintendent of government printing, 1879.

Agr 3—349

1 p. l., 18 p. i col. pl. 31cm.

**Morris, Francis Orpen.** A history of British butterflies. By the Rev. F. O. Morris . . . 5th ed . . . London, G. Bell & sons, 1870.

Agr 4—218

viii, 159, 24 p. 74 pl. (72 col.) 26cm.

"Aphorismata entomologica": 24 p.

**Möschler, Heinrich Benno.** Beiträge zur schmetterlings-fauna von Jamaica . . . Frankfurt a. M., 1886.

cover-title, [25]-84, [3] p. 1 col. pl. 29 $\frac{1}{2}$ cm.

Separatabdruck aus den Abhandlungen der Senckenbergischen naturforschenden gesellschaft. bd. xiv.

**Möschler, Heinrich Benno.** Die lepidopteren-fauna der insel Portorico. Von H. B. Möschler. Zum druck vorbereitet durch M. Saalmüller . . . [Frankfurt a. M., 1889]

Agr 4—292

[69]-360 p., i l. front. (port.) col. pl. 29 $\frac{1}{2}$ cm.

From Abhandlungen der Senckenbergischen naturforschenden gesellschaft. bd. xvi.

[Naturforscher-gesellschaft bei der Universität Jurjew (Dorpat)] Lepidoptera baltica. Schmetterlings-verzeichniss der Ostseeprovinzen nach dem catalog Staudinger-Rebel. [Jurjew (Dorpat) Druck von C. Mattiesen] 1902. Agr 3—196  
xi, [4], 79 p. 25<sup>cm</sup>. (Archiv für die naturkunde Liv-, Ehst- und Kurlands. 2. ser., bd. xii, lfg. i)

Ochsenheimer, Ferdinand. Die schmetterlinge von Europa. Von Ferdinand Ochsenheimer Leipzig, Bey G. Fleischer dem jüngern, 1807—35. Agr 3—804  
10 v. in 8. 21<sup>cm</sup>.

bd. 5—10, by Friedrich Treitschke.

bd. 8—10 pub. by E. Fleischer.

"Verzeichniss der entomologischen schriftsteller, welche bey den faltern verglichen und angeführt sind": 1. bd., 1. abth., p [3]—8.

"Verzeichniss der benutzten neueren entomologischen schriften" 10. bd., 1. abth. der supplemente, p. [xiii]—xvi.

CONTENTS.—1. bd., 1. abth. Falter, oder tagschmetterlinge. 1807. 2. abth. Falter, oder tagschmetterlinge. 1808.—2. bd. Schwärmer, oder abendschmetterlinge. (Sphinxes Linn. Zigenæ, Sesia et Sphinxes Fabr.) 1808.—3. bd. Nachtschmetterlinge. (Bombyx et Noctua Linn. Bombyx, Cossus, Hepialus, Phycis, Lithosia Fabr.) 1810.—4. bd. Nachtrag zu den drey ersten bänden der schmetterlinge von Europa. 1816.—5. bd., 1. abth. Nachtschmetterlinge. G. Acronycta-Miselia. 1825. 2. abth. G. Polia-Cerastis. 1825.—6. bd., 1. abth. Spanner. G. Ennomos-Cabera. 1827. 2. abth. G. Acidalia-Idæa. 1828.—7. bd. Zünsler. G. Herminia-Ennychia. 1829.—8. bd. Wickler. G. Halias-Cochylis. 1830.—9. bd., 1. abth. Schaben. G. Scardia-Hamiliis. 1832. 2. abth. Schaben. Geistchen. G. Hypsolopha-Orneodes. 1833.—10. bd., 1. abth. der supplemente. G. Melitea-Eyprepia. 1834. 2. abth. der supplemente. G. Acronycta-Idæa. 1835. 3. abth. der supplemente. G. Herminia-Orneodes. 1835.

Olliff, Arthur Sidney. . . . Short life-histories of nine Australian Lepidoptera . . . [London] 1888.

[357]—362 p. 1 pl. 22<sup>cm</sup>.

From the Annals and magazine of natural history for May 1888. ser. 6. vol. i, p. 357—362.

Packard, Alpheus Spring. List of insects collected at Pebas, Equador, and presented by Prof. James Orton . . . [Salem, 1871]

85—87 p. 23<sup>cm</sup>.

From the 2d and 3d Annual reports of the trustees of the Peabody academy of science for the years 1869—1870.

Packard, Alpheus Spring. View of the lepidopterous fauna of Labrador . . . [Boston, 1867]

32 6; p. 24<sup>cm</sup>.

From Proceedings of the Boston society of natural history, vol. xi, p. 32—63.

Pagenstecher, Arnold. Die arktische lepidopteren-fauna. Bearb. von Dr. Arnold Pagenstecher in Wiesbaden. [Jena, G. Fischer, 1901] Agr 3—807

1 p. l., [199]—400 p. 86<sup>cm</sup>. (Fauna arctica . . . hrsg. von Dr. Fritz Römer und Dr. Fritz Schaudinn. 2. bd. 2. lief.)

Ausgegeben mitte februar 1902.

Porchinskii, Iosif Aloizievich. . . . Lepidopterorum Rossiaë biologia. Auctore I. Portchinsky . . . C.-Петербургъ, 1885-93.

pt. 1—4. illus., col. plates. 23—26<sup>cm</sup>.

Russian title: Гусеницы и бабочки С.-Петербургской губернии. Биологическія наблюденія и изслѣдованія, I. Порчинскаго.

Pt. I has t.-p. wholly in Russian. Latin title appears as caption title.

CONTENTS.—Pt. I. Drepanulidæ, Cymatophoridæ, Noctuæ (partim) 1885.—Pt. II—IV. Coloration marquée et taches ocellés, leur origine et leur développement. 1890-93.

Fraun, Sigmund von. Abbildung und beschreibung europäischer schmetterlinge in systematischer reihenfolge, von Sigmund von Fraun. Nürnberg, Bauer & Raspe (E. Küster) [1868] Agr 3—808

2 p. l., [84] p. 40 (i. e. 41) pl. (40 col.) 28<sup>cm</sup>.

Added t.-p.: Die europäischen eulen—Noctuæ—in systematischer reihenfolge, hrsg. von Sigmund von Fraun. Nürnberg, Bauer & Raspe (L. Korn) 1868.



**Rambur, J. Pierre.** Catalogue systématique des lépidoptères de l'Andalousie, par P. Rambur . . [pt. 1] Paris, J.-B. Baillière; New York, H. Baillière, [etc., etc.] 1858-[66]

2 p. l., 412, ix, [2] p. xxii col. pl. 25 $\frac{1}{2}$ cm.

No more published.

**Rebel, Hans.** . . . Beitrag zur microlepidopterenfauna des Canarischen Archipels. Wien, 1892.

[241]-284 p. pl. 28cm.

From Annalen des K. K. Naturhistorischen hofmuseums. Bd. vii, hft. 3.

**Rebel, Hans.** Beiträge zur microlepidopterenfauna Oesterreich-Ungarns . . . [Wien] 1889.

34 p. 1 pl. 22 $\frac{1}{2}$ cm.

Aus den Verhandlungen der K. K. Zoologisch-botanischen gesellschaft in Wien <jahrgang 1889> besonders abgedruckt.

**Rebel, Hans.** Studien über die lepidopterenfauna der Balkanländer. Von Dr. H. Rebel . . . [Wien, A. Hölder, 1903]

pt. 1. col. pl. 28cm.

Caption title.

"Separat-abdruck aus dem xviii. bande der Annalen des K. K. Naturhistorischen hofmuseums [p. 123-347]"

CONTENTS.—1 t. Bulgarien und Ostrumelien,

**Reizenstein, L. von.** Catalogue of the Lepidoptera of New Orleans and its vicinity . . . Printed for R. C. Kerr, librarian of the New Orleans academy of sciences. New Orleans, Printed by I. T. Hinton, 1863.

10 p. 13 $\frac{1}{2}$ cm.

**Reuter, Enzo.** Bidrag till kannedomen om macro-lepidopter-faunan i Ålands och Åbo skärgårdar, af Enzo Reuter. [Helsingfors, Finska litteratur-sällskapets tryckeri, 1890]

Agr 4—3594

1 p. l., 111 p. 25 $\frac{1}{2}$ cm. (Länsi-Suomi. Västra Finland. v)

**Reuter, Enzo.** . . Förteckning öfver macrolepidoptera funna i Finland efter år 1869. Af Enzo Reuter . . . Helsingfors, J. Simelii arfvingars boktryckeri aktiebolag, 1893.

Agr 4—3595

85 p. 22cm. (Acta Societatis pro fauna et flora fennica, ix, n:o 6)

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[29]-47 p. 23cm.

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**Schøyen, Wilhelm Maribo.** Fortegnelse over Norges Lepidoptera . . . Christiania, 1893.

54 p. double map. 23 $\frac{1}{2}$ cm. (Christiania videnskabs-selskabs Forhandling, 1893. no. 13)

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[119]-228 p. col. pl. 23cm.

Separataftryk af Archiv for matematik og naturvidenskab. v. bind.

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2 v. 21 col. pl. 44cm.

t.-p. of v. 2: Australian museum, Sydney. Australian Lepidoptera and their transformations, by the late Alexander Walker Scott; with illustrations drawn from the life by his daughters, Harriet Morgan and Helena Forde. Vol. II. Ed. and rev. by Helena Forde and Arthur Sidney Olliff. Sydney, Printed by order of the trustees, 1890-1898.

Above t.-p. of v. 2 takes the place of the t.-p. first pub. with v. 2, pt. 1.

Vol. I pub. in 3 pts.

Vol. II pub. in 5 pts.

**Selys-Longchamps, Michel Edmond, baron de.** Catalogue des lépidoptères ou papillons de la Belgique, précédé du tableau des libellulines de ce pays, par Edm. de Selys-Longchamps . . . Liège, J. Desoer, 1837. Agr 4—226  
2 p. l., 29 p., 1 l. 22 $\frac{1}{2}$ cm.

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1 p. l., 85 p. 22 $\frac{1}{2}$ cm.  
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**Smith, John Bernhard.** Check list of the Lepidoptera of boreal America, by John B. Smith . . . assisted by Henry Skinner, M. D., and W. D. Kearfott. Philadelphia, American entomological society, 1903. Agr 5—240  
v, 136 p. 23cm.

**Speyer, Adolf.** Die geographische verbreitung der schmetterlinge Deutschlands und der Schweiz. Nebst untersuchungen über die geographischen verhältnisse der lepidopterenfauna dieser länder überhaupt. Von Dr. Adolf Speyer und August Speyer. . . . Leipzig, Engelmann, 1858—62.

2 v. 22 $\frac{1}{2}$ cm.

CONTENTS.—1. th. Die tagfalter, schwärmer und spinner. (Papilio Sphinx et Bombyx s. l.) 1858.—  
2. th. Die noctuinen in weitem sinne. (Cymatophoridae, Noctuidae s. str., Deltoidea, Chloephoridae, Nolidae, Brepidae) Nebst nachträgen zum ersten theile. 1862.

“Quellen-verzeichniss”: 1. th. p. [441]—450.

“Quellen-verzeichniss II”: 2. th. p. [255]—260.

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CONTENTS.—Vol. 1. Comprising the butterflies and stout-bodied moths.

**Standfuss, Max.** Handbuch der paläarktischen gross-schmetterlinge für forschers und sammler. 2. gänzlich umgearbeitete und durch studien zur descendenztheorie erweiterte aufl. des Handbuches für sammler der europäischen gross-schmetterlinge. Von Dr. M. Standfuss . . . Mit 8 lithographischen tafeln und 8 text-figuren. Jena, G. Fischer, 1896.

xii, 392 p. illus., VIII col. pl. 25 $\frac{1}{2}$ cm.

Bibliography: p. 14—17.

**Staudinger, Otto.** Catalog der lepidopteren des europaeischen faunengebiets. I. Macrolepidoptera bearb. von Dr. O. Staudinger. II. Microlepidoptera bearb. von Dr. M. Wocke. Dresden, Dr. O. Staudinger [etc.] 1871. Agr 4—229

xxxviii, 426 p. 24cm.

Paging irregular; 393 bis inserted.

Added title: Catalogue ou énumération méthodique des lépidoptères qui habitent le territoire de la faune européenne. I Macrolepidoptera, par O. Staudinger . . . II. Microlepidoptera, par M. Wocke . . .

For 3d ed. see Staudinger, Otto, Catalog der lepidopteren des palaearctischen faunengebietes.

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2 v. in 1. front. (port.) 24cm.

“Verzeichnis der abkürzungen von autorennamen und publicationen”: 1. th., p. [xv]—xxvi.

CONTENTS.—1. th. Famil. Papilionidae-Hepialidae, von Dr. O. Staudinger und Dr. H. Rebel.—2. th. Famil. Pyralidae-Micropterygidae, von Dr. H. Rebel.

**[Stephens, James Francis]** List of the specimens of British animals in the collection of the British museum. Pt. v, [x, xvi] Lepidoptera. London, Printed by order of the trustees, 1850—54.

3 pts. 18cm.

The Lepidoptera are contained in pts. v, x, xii, xvi. Pt. xii wanting.

Pt. xvi by H. T. Stainton.

**Tutt, James William.** A natural history of the British Lepidoptera; a text-book for students and collectors, by J. W. Tutt . . . London, S. Sonnenschein & co.; [etc., etc.] 1899-1904.

4 v. plates. 22<sup>cm</sup>.

**Walker, Francis.** List of the specimens of lepidopterous insects in the collection of the British museum. By Francis Walker. London, Printed by order of the trustees, 1854-66.

Agr 4-350

35 pts. 18<sup>cm</sup>.

Author's name does not appear on title pages of pt. I and II.

Pts. I-VII form 1st series, 1808 p.; pt. VIII forms 2d series, 271 p.; pts. IX-XV form 3d series, 1888 p.; pts. XVI-XIX, 4th series, 1036 p.; pts. XX-XXVI, 5th series, 1796 p.; pts. XXVII-XXX, 6th series, 1096 p.; pts. XXXI-XXXV, 7th series, 2040 p.

Each series contains index.

CONTENTS.—Pt. I-VII. Lepidoptera Heterocera.—Pt. VIII. Sphingidæ.—Pt. IX-XV. Noctuidæ.—Pt. XVI. Deltoïdes.—Pt. XVII-XIX. Pyralides.—Pt. XX-XXVI. Geometrites.—Pt. XXVII. Crambites & Tortricites.—Pt. XXVIII. Tortricites & Tineites.—Pt. XXIX-XXX. Tineites.—Pt. XXXI-XXXV. Supplement. Pt. [1]-5.

**Weiler, Josef.** Die schmetterlinge des Tauferer thales. Ein beitrage zur lepidopteren-kunde von Tirol . . . Innsbruck, 1880.

33 p. 23<sup>4</sup>/<sub>8</sub><sup>cm</sup>.

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**Wilde, O.** Die pflanzen und raupen Deutschlands. Versuch einer lepidopterologischen botanik, von O. Wilde . . . Berlin, E. S. Mittler & sohn, 1860-61.

2 v. in 1. x pl. 20<sup>1</sup>/<sub>2</sub><sup>cm</sup>.

Agr 3-376

CONTENTS.—1. th. Systematische beschreibung der pflanzen unter angabe der an denselben lebenden raupen, von O. Wilde . . . Mit einem vorworte von Dr. A. Speyer. 1860.—2. th. Systematische beschreibung der raupen unter angabe ihrer lebensweise und entwickelungszeiten, von O. Wilde. Mit 10 tafeln abbildungen. 1861.

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9 v. col. pl. 22<sup>1</sup>/<sub>2</sub><sup>cm</sup>.

Vol. I-IV edited by H. T. Stainton; vol. V edited (in part) by (the late) H. T. Stainton; vol. VI-IX edited by Geo. T. Porritt.

CONTENTS.—v. I. The butterflies. 1886.—v. II. The Sphinges or hawk-moths and part of the Bombyces. 1887.—v. III. The concluding portion of the Bombyces. 1889.—v. IV. The first portion of the Noctuæ, 1891.—v. V. The second portion of the Noctuæ. 1893.—v. VI. The third and concluding portion of the Noctuæ. 1895.—v. VII. The first portion of the Geometræ. 1897.—v. VIII. The concluding portion of the Geometræ. 1899.—v. IX. The Deltoïdes, Pyrales, Crambites, Tortrices, Tineæ, and Pterophori, concluding the work. 1901.

**Chambers, Vector Tousey.** On the antennæ and trophi of lepidopterous larvæ . . . [Cincinnati, 1882]

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From Journal of the Cincinnati society of natural history, v. 5, 1882.

**Dobeneck, A., freiherr von.** Die raupen der tagfalter, schwärmer und spinner des mitteleuropäischen faunen-gebietes. Mit besonderer berücksichtigung der schädlinge und deren bekämpfung. Als erster beitrage für ein bestimmungswerk der insektenlarven analytisch bearb. von Dr. A. freiherr von Dobeneck . . . Stuttgart, E. Ulmer, 1899.

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**Hofmann, Ernst.** Die raupen der gross-schmetterlinge Europas . . . Von professor Dr. Ernst Hofmann . . . Stuttgart, Verlag der C. Hoffmann'schen verlagsbuchhandlung (A. Bleil) 1893.

Agr 5-523

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2 p. l., xxxviii, [60] p. illus., 60 col. pl. 29 $\frac{1}{2}$ cm.

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Agr 3-1184

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**Aurivillius, Per Olof Christopher.** . . . Rhopalocera æthiopica; die tagfalter der æthiopischen faunengebietes, eine systematisch-geographische studie, von Chr. Aurivillius . . . Der Königl. akademie der wissenschaften vorgelegt den 8. juni 1898. Stockholm, Kungl. boktryckeriet, P. A. Norstedt & söner, 1898.

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**Barber, Harry G.** . . . A list of Nebraska butterflies . . . [Lincoln, Neb., 1894]

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Extract Proc. Nebr. acad. sci., iv, p. 16-22, 1894.

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cover-title, 52 p. illus. 25cm. (Guide leaflet no. 7)

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3 v. 112 (i. e. 113) col. pl. 32cm.

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Aug. 1898-1901, by F. Ducane Godman.

CONTENTS.—I-II. Text.—III. Plates.

**Blatchley, Willis Stanley.** . . . A catalogue of the butterflies known to occur in Indiana . . . Indianapolis, 1892.

1 p. l., 44 p., 1 l. 22 $\frac{1}{2}$ cm.

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**Boll, Jacob.** Ueber dimorphismus und variation einiger schmetterlinge Nord-Amerikas . . . [Dallas, Texas, 1876]

Agr 3-324

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**Bramson, Konstantin Ljüdvigovich.** Tableaux analytiques pour la détermination des lépidoptères diurnes (rhopalocères) d'Europe et du Caucase, par K. L. Bramson . . . (Tr. de l'allemand par l'auteur) [Bruxelles, 1894] Agr 4-3435

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**Braswell, A.** . . . List of the butterflies collected at Chapel Hill, N. C. [Raleigh] 1888.

19-21 p. 23cm.

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**Butler, Arthur Gardiner.** An account of a collection of butterflies made by the Rev. K. St. Aubyn Rogers between Mombasa and the forests of Taveta . . . [London] 1901.

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[97]-203 p. 21½cm.

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Apr 3—774

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**Butler, Arthur Gardiner.** . . . Descriptions of some remarkable new species and a new genus of diurnal Lepidoptera. Description of a new species of tiger-moth in the possession of Mr. T. W. Wood. London, 1867.

6 p. 1 pl. 21½cm.

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**Butler, Arthur Gardiner.** . . . A list of diurnal Lepidoptera recently collected by Mr. Whitely in Hakodadi (north Japan) . . . [London, 1866?]

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**Dale, Charles William.** The history of our British butterflies, containing a full bibliographical notice of each species, with copious extracts from the old authors,

and full descriptions of all the British species, their eggs, caterpillars, chrysalides and varieties, with a notice of their habits, localities, frequency, &c., &c. By C. W. Dale, F. E. S. London, J. Kempster & co. [1889]

2 p. l., xli p., 2 l., 232 p. 21½cm.

**Davis, William T.** Butterflies of Staten Island. [n. p.] 1884.

1 l. 22½cm.

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40 p. II-III pl. 32cm. (Nova acta der Ksl. Leop.-Carol. deutschen akademie der naturforscher. bd. xli. Pars II, nr. 2)

**Dewitz, Hermann.** . . . Westafrikanische tagschmetterlinge. (Fortsetzung zu Nova acta, bd. xli, ps. II, nr. 2) von H. Dewitz, M. A. N. Westafrikanische nympha-liden . . . Eingegangen bei der Akademie am 10. August 1885. Halle, 1887.

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**Doubleday, Edward.** The genera of diurnal Lepidoptera: comprising their generic characters, a notice of their habits and transformations, and a catalogue of the species of each genus. By Edward Doubleday . . and John O. Westwood . . . Illustrated with eighty-six plates, by William C. Hewitson . . . In two vol-umes . . . London, Longman, Brown, Green, and Longmans, 1846-52.

2 v. 86 pl. (85 col.) 39½cm.

CONTENTS.—vol. I. Containing the families Papilionidæ, Pieridæ, Ageronidæ, Danaidæ, Heli-conidæ, Acraeidæ, and part of the Nymphalidæ, by Edward Doubleday. 1846-50.—vol. II. Contain-ing the remainder of the family Nymphalidæ, and the families, Morphidæ, Brassolidæ, Satyridæ, Libytheidæ, Erycinidæ, Lycænidæ, and Hesperidæ; with a supplement, by John O. Westwood. 1850-52.

**Druce, Herbert.** A list of the collection of diurnal Lepidoptera made by Mr. J. J. Monteiro, in Angola, with descriptions of some new species . . . [London] 1875.

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[337]-361 p. xxxii-xxxiii col. pl. 22cm.

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Agr 3-49

4 p. l., [17]-246 p. front. (port.) 34 pl. (partly col.) 17½cm. (The naturalist's library. Ed. by Sir William Jardine . . . [Reprint] vol. xxix)

Engr. half t.-p.

Reprint of his The natural history of British butterflies. 1835.

"Memoir of Werner." Translation of the Eloge of Baron Cuvier: p. [17]-40.

**Duncan, James.** . . . Entomology. Foreign butterflies. By James Duncan . . . Edinburgh, W. H. Lizars; [etc., etc.] 1858.

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4 p. l., [17]-208 p. front. (port.) illus., 30 col. pl. (1 fold.) 17½cm. (The naturalist's library. Ed. by Sir William Jardine . . . [Reprint] vol. xxxi)

Engr. half t.-p.

Reprint of his The natural history of foreign butterflies. 1837.

"Memoir of Lamarck," p. [17]-63.

**Duncan, James.** The natural history of British butterflies. Illustrated by thirty-six plates; with memoir and portrait of Werner. By James Duncan, M. W. S. Edinburgh, W. H. Lizars; [etc., etc.] 1835.

Agr 3-50

xv, [17]-246 p. front. (port.) 34 pl. (partly col.) 18cm. (The naturalist's library. Conducted by Sir William Jardine . . . Entomology. vol. III)

Engr. half t.-p.

The Memoir of Werner is a translation of the "Eloge of Baron Cuvier, pronounced before the Royal institute of France."

**Duncan, James.** The natural history of foreign butterflies. Illustrated by thirty-three coloured plates; with memoir and portrait of Lamarck. By James Duncan, M. W. S. Edinburgh, W. H. Lizars; [etc., etc.] 1837.

Agr 3-54

xv, [17]-208 p. front. (port.) illus., 30 col. pl. 18 $\frac{1}{2}$ cm. (The naturalist's library. Conducted by Sir William Jardine . . . Entomology. vol. v)

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**Edwards, William Henry.** The butterflies of North America [by] William H. Edwards . . . Boston, New York, Houghton, Mifflin and company, 1879-97.

3 v. col. plates. 29 $\frac{1}{2}$ cm.

Imprint of v. 1: Philadelphia, The American entomological society, 1868-72; text reprinted, Boston, Houghton, Osgood and company, 1879.

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3 pts. 1 col. pl. 24cm.

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Agr 5-515

v, 52 p. 29 $\frac{1}{2}$ cm. [*With his* The butterflies of North America. v. 1. Philadelphia, 1868-72; text reprinted, Boston, 1879]

"Authors and works quoted in Synopsis": p. III-v.

**Eimer, G. H. Theodor.** Die artbildung und verwandtschaft bei den schmetterlingen. Eine systematische darstellung der abänderungen, abarten und arten der segelfalter-ähnlichen formen der gattung Papilio. Von Dr. G. H. Theodor Eimer . . . Jena, G. Fischer, 1889.

xii, 243 p. illus. 25 $\frac{1}{2}$ cm. and atlas (iv col. pl.) 34 $\frac{1}{2}$ cm.

**Felder, Cajetan, freiherr von.** Rhopalocera von Dr. Cajetan Felder . . . von Rudolf Felder . . . Wien, Aus der Kaiserlich-königlichen hof- und staatsdruckerei, 1864-67.

Agr 4-276

1 p. 1., vi, 548 p., 1 l. 31cm. (*Added t.-p.*: Reise der österreichischen fregatte Novara um die erde in den jahren 1857, 1858, 1859, unter den befehlen des commodore B. von Wüllerstorff-Urbair. Zoologischer theil. 2. bd. 2. abth.: Lepidoptera von Dr. Cajetan und Rudolph Felder. Rhopalocera. Text . . .)

The plates to accompany above text are included in the volume entitled: Lepidoptera, von Dr. Cajetan Felder . . . von Rudolf Felder . . . und Alois F. Rogenhofer . . . Atlas von 140 tafeln . . . Wien . . . 1864-75.

**Fernald, Charles Henry.** The butterflies of Maine. Designed for the use of the students in the Maine State college and the farmers of the State . . . Augusta, 1884.

104 p. illus. 22cm.

Also published as Appendix to Annual reports . . . of the State college of agriculture and the mechanic arts, Orono, Me., 1883.

**Fletcher, James.** A trip to Nepigon. Some notes upon collecting and breeding butterflies from the egg . . . [Ottawa, 1888] .

15 p. 24 $\frac{1}{2}$ cm.

**French, George Hazen.** Analytical tables of the butterflies of Illinois. Carbondale, Ill., 1879.

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**Gosse, Philip Henry.** . . . "The prehensores of male butterflies of the genera Ornithoptera and Papilio." (Abstract.) [London], 1881.

[23]-27 p. 21cm.

From the Proceedings of the Royal society, No. 216, 1881.



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[52]-82 p. III-V pl. 24 $\frac{1}{2}$ cm.

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**Holland, William Jacob.** The butterfly book: a popular guide to a knowledge of the butterflies of North America, by W. J. Holland . . . with 48 plates in color-photography, reproductions of butterflies in the author's collection, and many text illustrations presenting most of the species found in the United States. New York, Doubleday & McClure co., 1898.

Dec. 14, 98-64

1 p. l., xx, 382 p. illus., XLVIII col. pl. (incl. front.) 26 $\frac{1}{2}$ cm.

"Books about North American butterflies": p. 69-74.

**Kirby, William Forsell.** A synonymic catalogue of diurnal Lepidoptera, by W. F. Kirby . . . London, J. Van Voorst; [etc., etc.] 1871.

v p. 1 l., 690 p. 22 $\frac{1}{2}$ cm.

— — — Supplement, March, 1871-June, 1877. London, J. Van Voorst, 1877.  
iv p., 2 l., [691]-883 p. 23cm.

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82 p. illus. 16 $\frac{1}{2}$ cm.

**Kopman, Henry H.** The butterflies of Louisiana . . . [New Orleans] 1903.

From the Times-Democrat, April 12, 1903.

Mounted clippings on 4 sheets 20 x 13 $\frac{1}{2}$ cm.

**Leech, John Henry.** Butterflies from China, Japan, and Corea. By John Henry Leech . . . London, R. H. Porter, 1892-94.

3 v. illus., XLIII (i. e. 48) pl. (partly col.) 1 fold. map. 28 $\frac{1}{2}$ cm.

CONTENTS.—[pt. I] Dedication. Preface. Systematic list of families, genera and species. Introduction. Geographical distribution tables. Nymphalidæ. Lemoniidæ. 1892-94.—pt. II. Lycænidæ. Papilionidæ. Hesperiidæ. [Appendix. Index of genera and species] 1893-94.—[pt. III] Plates. 1892-94.

**Lyman, Henry H.** . . . Dimorphism and polymorphism in butterflies . . . [Montreal] 1899.

[24]-35 p. 22 $\frac{1}{2}$ cm.

"Reprinted from the Canadian record of science, January, 1899."

**Marshall, George Frederick Leicester.** The butterflies of India, Burmah and Ceylon. A descriptive handbook of all the known species of rhopaloceros Lepidoptera inhabiting that region, with notices of allied species occurring in the neighbouring countries along the border; with numerous illustrations. By Major G. F. L. Marshall . . . and Lionel de Nicéville . . . The illustrations drawn by Babu Gris Chunder Chuckerbutty and Babu Behari Lal Dass. The wood engravings by George Pearson. The autotype plates by the Autotype company of London. The chromolithographs by Messrs. West, Newman & co. Calcutta, Printed and published by the Calcutta central press co., ld., 1882-90.

Agr 3-347

3 v. 3 front., illus., XXIX pl. (partly col.) 25 $\frac{1}{2}$ cm.

Vol. II-III by Lionel de Nicéville.

**Maynard, Charles Johnson.** The butterflies of New England; with original descriptions of one hundred and six species, accompanied by eight lithographic plates, in which are given at least two hand-colored figures of each species, by C. J. Maynard. Boston, Mass., B. Whidden, 1886.

Agr 3-1258

iv p., 1 l., 65, [2] p. VIII col. pl. incl. front. 36cm.

Each plate accompanied by leaf of description.

**Miskin, William Henry.** A synonymical catalogue of the Lepidoptera Rhopalocera (butterflies) of Australia, with full bibliographical reference; including descrip-

tions of some new species. By W. H. Miskin . . . [Brisbane, J. C. Beal, government printer, 1891]

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xx, 92 p., 1 l., ix numb. l. 22<sup>cm</sup>. (*Added t.p.*: Annals of the Queensland museum, no. 1)

"List of authors quoted in this catalogue with abbreviations and full names": p. [xi]—xiv.

"Abbreviations and full titles of all the works quoted in this catalogue": p. [xv]—xx.

**Moore, Frederic.** . . . Descriptions of new Asiatic diurnal Lepidoptera . . . [London] 1883.

521–535 p. XLVIII–XLIX col. pl. 21<sup>1</sup>/<sub>2</sub><sup>cm</sup>.

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**Olliff, Arthur Sidney.** . . . Australian butterflies; a brief account of the native families, with a chapter on collecting and preserving insects. By A. Sidney Olliff . . . Sydney, Batson & co., printers, 1889.

Agr 4—3577

1 p. l., 48 p., 1 l. illus. 21<sup>1</sup>/<sub>2</sub><sup>cm</sup>.

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**Olliff, Arthur Sidney.** . . . On Rhopalocera from the vicinity of Mt. Bellen-den-Ker, Queensland . . . [Sidney] 1888.

[394]–396 p. 21<sup>1</sup>/<sub>2</sub><sup>cm</sup>.

From vol. III (series 2nd) of the "Proceedings of the Linnæan society of New South Wales" (March 28th, 1888)

**Riley, Charles Valentine.** . . . Philosophy of the pupation of the butterflies and particularly of the Nymphalidæ . . . [Salem, 1880]

9 p. illus. 24<sup>cm</sup>.

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**Schaus, William.** . . . Descriptions of new American butterflies . . . Wash- ington, 1902.

1 p. l., 383–460 p. 24<sup>1</sup>/<sub>2</sub><sup>cm</sup>.

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**Scudder, Samuel Hubbard.** . . . Antigeny, or sexual dimorphism in butter- flies . . . [Boston, 1877]

[149]–158 p. 23<sup>1</sup>/<sub>2</sub><sup>cm</sup>.

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**Scudder, Samuel Hubbard.** . . . A brief comparison of the butterfly faunas of Europe and eastern North America, with hints concerning the derivation of the lat- ter . . . [Salem, Mass., 1877]

[268]–273 p. 24<sup>1</sup>/<sub>2</sub><sup>cm</sup>.

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**Scudder, Samuel Hubbard.** Brief guide to the commoner butterflies of the northern United States and Canada; being an introduction to a knowledge of their life-histories, by Samuel Hubbard Scudder. New York, H. Holt and company, 1893.

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[Boston? 1869]

[2] p. 21<sup>cm</sup>.

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Agr 4—2 16

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186 p. 4 pl. 18<sup>cm</sup>;

**Scudder, Samuel Hubbard** . . . A list of the butterflies of New England  
[Salem?, Mass.] 1863.

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[375]—384 p. 24<sup>cm</sup>.

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269—270 p. 23<sup>cm</sup>.

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5 p. 22<sup>1</sup>/<sub>2</sub><sup>cm</sup>.

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253—258 p. 23<sup>cm</sup>.

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326—337 p. 28<sup>1</sup>/<sub>2</sub><sup>cm</sup>.

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2 pts. 23<sup>cm</sup>.

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62 p. 22<sup>1</sup>/<sub>2</sub><sup>cm</sup>.

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**Sharpe, Emily Mary.** . . . Description of two new butterflies collected by Major E. M. Woodward in Nandi, equatorial Africa . . . [London, 1899]

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A table of the British butterflies, arranged according to a scale of sizes. [n. p., n. d.]

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**Tepper, J. Gottlieb Otto.** Notes and remarks on South Australian Rhopalocera . . . [Adelaide, 1893]

[281]—286 p. 21<sup>cm</sup>.

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**Trimen, Roland.** On a collection of butterflies made in Manica, tropical south-east Africa, by Mr. F. C. Selous, in the year 1892 . . . [London, 1894]

14—82 p. iv—vi col. pl. 22<sup>cm</sup>.

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**Trybom, Filip.** . . . Dagfjärilar insamlade af svenska expeditionen till Jenisei 1876 . . . Stockholm [1877]

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**Waterhouse, G. A.** . . . Catalogue of the Rhopalocera of Australia, by G. A. Waterhouse . . . Sydney [Printed by S. D. Townsend & co.] 1903.

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**Weismann, August.** Studien zur descendenz-theorie. i. Ueber den saison-dimorphismus der schmetterlinge, von Dr. August Weismann . . . Mit zwei farben-drucktafeln. Leipzig, W. Engelmann, 1875.

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Agr 3—373

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**White, Francis Buchanan White.** . . . On the male genital armature in the European Rhopalocera . . . (Plates LV.—LVII.) Read December 21st, 1876. [London, 1877]

357—369 p. 3 col. pl. 29<sup>cm</sup>.

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**Aurivillius, Per Olof Christopher.** . . Neue nymphaliden aus dem Congo-gebiete . . . [Stockholm, 1897]

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19 p. illus., ii pl. 30<sup>cm</sup>.

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**Butler, Arthur Gardiner.** Descriptions of four new species of *Protopogonius* . . . [London] 1875.

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From the Proceedings of the Zoological society of London, January 19, 1875.

**Butler, Arthur Gardiner.** . . . A monograph of the genus *Lemonias*, with descriptions of new species in the collection of the British museum, including other forms sometimes placed in that genus . . . [London, 1866?]

[214]–229 p. 6–7 col. pl. 22<sup>cm</sup>.

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**Butler, Arthur Gardiner.** . . . Note on abnormalities in the neurulation of the hind wings in *Acræa andromacha* . . . [London] 1870.

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**Butler, Arthur Gardiner.** . . . Revision of the genus *Protopogonius* . . . [London] 1873.

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**Druce, Herbert.** A revision of the lepidopterous genus *Paphia* . . . [London] 1877.

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**Kellogg, Vernon Lyman.** The sclerites of the head of *Danais archippus* Fab. . . . [Lawrence] 1893.

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**Moore, Frederic.** A monograph of *Limnaina* and *Euplœina*, two groups of diurnal Lepidoptera belonging to the subfamily Euplœinæ; with descriptions of new genera and species . . . [London, 1883]

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[285]–292 p. illus. 22<sup>cm</sup>.

From Kosmos, II. Jahrg., IV. Bd., Heft 10.

**Müller, Gustav Wilhelm.** Südamerikanische nymphalidenraupen. Versuch eines natürlichen systems der nymphaliden. Von Dr. Wilh. Müller in Greifswald. Mit 4 tafeln . . . Jena, G. Fischer, 1886.

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**Riley, Charles Valentine.** Hackberry butterflies. Descriptions of the early stages of *Apatura lycaon*, Fabr., and *Apatura herse*, Fabr.; with remarks on their synonymy . . . [St. Louis, 1873]

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. . . [Salem, 1875]

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**Butler, Arthur Gardiner.** Catalogue of diurnal Lepidoptera of the family Satyridæ in the collection of the British museum. By Arthur Gardiner Butler . . . London, Printed by order of the trustees, 1868.

vi, 211 p. v pl. 22 $\frac{1}{2}$ cm.

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[104]-110 p. xi-xii pl. (1 col.) 22 $\frac{1}{2}$ cm.

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**Grote, Augustus Radcliffe.** . . . A colony of butterflies . . . [Boston] 1876.

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**Mengel, Levi W.** A catalogue of the Erycinidæ, a family of butterflies. With the synonymy brought down to July 1, 1904, by Levi W. Mengel . . . [Reading, Pa.] 1905.

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[288]-291 p. 21½cm.

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**Butler, Arthur Gardiner.** . . . A list of the species of *Cyaniris*, a well known group of the family Lycænidæ . . . [London] 1900.

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**Sharpe, Emily Mary.** . . . Descriptions of two new moths collected by Dr. Christy on the upper Niger . . . [London, 1899]

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2 p. l., 112 p. 21cm.

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**Beutenmüller, William.** The hawk-moths of the vicinity of New York city; a guide leaflet to the collection on exhibition in the American museum of natural history, by William Beutenmüller . . . [New York], Pub. by the museum, 1903.

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Agr 3-416

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**Butler, Arthur Lennox.** Report on the caterpillars of Cephonodes hylas attacking the coffee in the district of Sungei Ujong, Negri Sembilan . . . [n. p., 1900]

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**Fernald, Charles Henry.** The Sphingidæ of New England. [By] C. H. Fernald, A. M. Orono, February, 1886. Augusta, Sprague & son, printers to the state, 1886.

Agr 5—150

85 p., 1 l. vi pl. 23<sup>cm</sup>.

**Giard, Alfred.** Évolution d'Acherontia atropos. Rennes, 1903.

4 p. 26<sup>cm</sup>.From La feuille des jeunes naturalistes, IV<sup>e</sup> série, 33<sup>e</sup> année, n<sup>o</sup> 391, 1<sup>er</sup> mai 1903, p. 124-127.

**Grote, Augustus Radcliffe.** . . . New check list of North American Sphingidæ

. . . [Buffalo] 1877.

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From the Bulletin of the Buffalo society of natural sciences, vol. III, no. 5, 1877.

**Newman, Edward.** Sphinx vespiformis: an essay by Edward Newman . . .

London, F. Westley &amp; A. H. Davis, 1832.

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**Rothschild, Hon. Walter i. e. Lionel Walter.** . . . A revision of the lepidopterous family Sphingidæ. By the Hon. Walter Rothschild, PH. D., and Karl Jordan . . . Issued at the Zoological museum, Tring, March 1903. London and Aylesbury, Printed by Hazell, Watson & Viney, ld., 1903.

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2 v. 67 pl. (7 col.) fold. tables. 28<sup>1</sup>/<sub>2</sub><sup>cm</sup>. (Novitates zoologicae. Vol. IX. Supplement)

Paged continuously; [v. 1]: cxxxv, 813 p.; [v. 2]: 2 p. l., 815-972 p., 67 l.

Issued in two volumes having identical title-pages, without volume numbers.

## CASTNIIDÆ.

**Druce, Herbert.** . . . Descriptions of five new species of Castnia from tropical South America [London] 1896.

[216]-218 p. 21<sup>1</sup>/<sub>2</sub><sup>cm</sup>.

From the Annals and magazine of natural history, ser. 6, vol. xvii, March 1896.

**Westwood, John Obadiah.** . . . Descriptions of some new exotic species of moths . . . [London, 1881]

141-145 p. illus., XII-XIII col. pl. 22<sup>cm</sup>.

From the Proceedings of the Zoological society of London, January 4, 1881.

**Westwood, John Obadiah.** . . . A monograph of the lepidopterous genus Castnia and some allied groups . . . Read June 17th, 1875. [London, 1875]

[155]-207 p. xxviii-xxxiii pl. (partly col.) 29<sup>1</sup>/<sub>2</sub><sup>cm</sup>.

Extracted from the "Transactions of the Linnean society of London," second series—Zoology, vol. I.

## URANIIDÆ.

**Camboué, R. Paul.** Sur l'Urania rhipheus . . . [Москва, n. d.]

5 p. 22<sup>1</sup>/<sub>2</sub><sup>cm</sup>.

**Westwood, John Obadiah.** . . . Observations on the Uraniidæ, a family of lepidopterous insects, with a synopsis of the family and a monograph of Coronidia, one of the genera of which it is composed . . . Received March 18th, read April 16th, 1878. [London, 1879]

[507]-542 p. lxxxv-lxxxviii pl. (partly col.) 31<sup>1</sup>/<sub>2</sub><sup>cm</sup>.

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## SATURNIDÆ.

**Hagen, Hermann August.** On Attacus (Samia) columbia and its parasites . . . [Buffalo] 1875.

201-208 p. 23<sup>cm</sup>.

From the Bulletin of the Buffalo society of natural sciences, v. 2.

**Packard, Alpheus Spring.** . . . Aglia tau, a connecting-link between the Cera-tocampidæ and Saturniidæ, and the type of a new subfamily, Agliinæ . . . [London] 1893.

[172]-175 p. 22<sup>cm</sup>.

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**Packard, Alpheus Spring.** Studies on the transformations of moths of the family Saturniidae . . . [Boston] 1893.

55-92 p. illus., III pl. 23½<sup>cm</sup>.

From the Proceedings of the American academy of arts and sciences, vol. XXVIII, 1893.

**Smith, John Bernhard.** A revision of the lepidopterous family Saturniidae . . . [Washington, 1887]

414-437 p., 3 l. XII-XIV pl. 25<sup>cm</sup>.

From Proceedings of United States national museum, vol. IX, p. 414-437.

**Smith, Sidney Irving.** Description of a species of *Samia*, supposed to be new, from Norway, Me. . . . [Boston, 1865]

[342]-346 p. 22½<sup>cm</sup>.

Notes on two ichneumonons parasitic on *Samia columbia*. By A. S. Packard, jun.: p. 345-346.

From the Proceedings of the Boston society of natural history, vol. IX, March, 1865.

**Strecker, Herman, i. e. Ferdinand Heinrich Herman.** The larva of *Samia gloveri*, Streck. . . . [Davenport, Ia., 1880]

276-278 p. 24<sup>cm</sup>.

From Proceedings of the Davenport academy of natural sciences, vol. II, 1876-78.

**Townsend, Charles Henry Tyler.** Notes on *Hemileuca*. . . . [San Diego, Cal., 1893]

51-53 p. 23½<sup>cm</sup>.

From the West American scientist, vol. VIII, p. 51-53.

#### SYNTOMIDÆ.

**Druce, Herbert.** . . . Descriptions of some new species of Syntomidæ, chiefly in the Oxford museum . . . [London] 1898.

[401]-408 p. 22<sup>cm</sup>.

From the Annals and magazine of natural history, ser. 7, vol. I., May, 1898.

**Hampson, Sir George Francis, 10th bart.** Catalogue of the Syntomidæ in the collection of the British museum. By Sir George F. Hampson, bart. London, Printed by order of the trustees, 1898.

xxi, 559 p. and atlas of XVII col. pl. illus., fold. tab. 23<sup>cm</sup>. (Added t.-p. Catalogue of the Lepidoptera Phalaenæ in the British museum. vol. I)

#### ARCTIIDÆ.

**Butler, Arthur Gardiner.** . . . Description of a new genus of heterocerous Lepidoptera, founded upon the *Papilio charmione* of Fabricius . . . [London] 1869.

[43]-45 p. illus. 21½<sup>cm</sup>.

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**Hampson, Sir George Francis, 10th bart.** Catalogue of the Arctiadæ (Arctianæ) and Agaristidæ in the collection of the British museum. By Sir George F. Hampson, bart. London, Printed by order of the trustees, 1901.

xix, 690 p. and atlas of 19 col. pl. illus., fold. tab. 23<sup>cm</sup>. (Added t.-p.: Catalogue of the Lepidoptera Phalaenæ in the British museum. vol. III)

**Hampson, Sir George Francis, 10th bart.** Catalogue of the Arctiadæ (Nolinæ, Lithosianæ) in the collection of the British museum. By Sir George F. Hampson, bart. London, Printed by order of the trustees, 1900.

xx, 589 p. and atlas of 18 col. pl. illus., fold. tab. 23<sup>cm</sup>. (Added t.-p.: Catalogue of the Lepidoptera Phalaenæ in the British museum. vol. II)

**Rogenhofer, Alois F.** Ueber die synonymie und die früheren stände von *Earias insulana* B. (*siliquana* H. Sch.) und beschreibung einer neuen art . . . [Wien] 1870.

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**Silvestri, Filippo.** . *L'Ocnogina betica* (*Ocnogyna bæticum* Ramb.) conosciuta volgarmente allo stato larvale col nome di bruco peloso. Portici, 1905.  
12 p. illus. 26<sup>cm</sup>. (R. Scuola superiore d'agricoltura in Portici (Laboratorio di entomologia agraria) Bolletino N. 10—serie II)

**Smith, John Bernhard.** The North American species of *Callimorpha* Latr. . . [Washington, 1888]

338-353 p. pl. 24½<sup>cm</sup>.

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**Smith, John Bernhard.** The species of *Eueyrythra* Harv. [Washington, 1888]

335-337 p. pl. 24½<sup>cm</sup>.

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275-276 p. pl. 24<sup>cm</sup>.

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**Boisduval, Jean Alphonse.** Essai sur une monographie des zygénides, suivi du tableau méthodique, des lépidoptères d'Europe; par. M. J. A. Boisduval . . . Paris, Méquignon-Marvis [etc., etc.] 1829.

2 p. l., xxvi, 132 p. 8 col. pl. 20<sup>cm</sup>.

"Table des principaux auteurs cités dans la monographie ou dans le catalogue:" p. xxi-xxvi.

**Packard, Alpheus Spring.** . . New American moths; *Zygænidae* and *Bombycidae* . . . [Salem] 1872.

8 p. 22<sup>cm</sup>.

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**Packard, Alpheus Spring.** . . Notes on the family *Zygænidae* . . . [Salem] 1854.

7-47 p. 2 pl. 23½<sup>cm</sup>.

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**Stretch, Richard H.** Illustrations of the *Zygænidae* & *Bombycidae* of North America, by Richard H. Stretch. vol. I. pt. 1 to 9. July 1872 to Dec. 1873. [San Francisco, 1872-73]

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**Butler, Arthur Gardiner.** . . . Notes on certain genera of *Agaristidae*, with descriptions of new species . . . [London] 1875.

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From the Annals and magazine of natural history for February 1875.

**Druce, Herbert.** . . . Descriptions of some new species of *Agaristidae* . . . [London] 1894.

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**Alabama—Commissioner of agriculture.** "The boll worm" and "the cotton worm" . . . Auburn, Ala., 1885.

51 p. vii-viii col. pl. 22<sup>cm</sup>. (Bulletin no. 8, of the State department of agriculture)

**Berg, Carlos.** . . . Sur la distribution géographique de l'Ophioderes materna (L.) Bsd. . . . Buenos Aires [1896]

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2 pts. illus. 25<sup>cm</sup>.

Author's edition, extracted from Bulletin of the American museum of natural history, vol. xiv, article xx, p. 229-312; vol. xvi, article xxxiii, p. 413-458.

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505-510 p. 24½<sup>cm</sup>.

Author's edition, extracted from Bulletin of the American museum of natural history, vol. xix, article xix, pp. 505-510.

**Bruner, Lawrence.** Army worms in Nebraska. [Lincoln, n. d.]

1 p. illus. 38½ x 18<sup>cm</sup>.

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**Chittenden, Frank Hurlbut.** Fall army worm and variegated cutworm. Washington, 1901.

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**French, George Hazen.** Description of two new deltoid moths . . . Springfield, Ill., 1894.

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**French, George Hazen.** Synopsis of the Catocalæ of Illinois . . . Carbondale, Ill., 1881.

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From curator's report in the Seventh annual report of the principal to the Board of trustees of the Southern Illinois normal university.

**French, George Hazen.** Synopsis of the Noctuidæ of Illinois . . . Greenville, Ill., 1882.

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**Froggatt, Walter Wilson.** The caterpillar plague . . . The climbing cutworm (Phlegetonia carbo, Gn.) Sydney, 1898.

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5 p. 25<sup>cm</sup>. (Department of agriculture, Sydney, New South Wales. Miscellaneous publication, no. 348)

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**Gentry, Thomas G.** Curious anomaly in history of certain larvæ of Acronycta obliqua, Guenee, and hints on phylogeny of Lepidoptera . . . [Philadelphia] 1875.

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**Grote, Augustus Radcliffe.** Check list of the Noctuidæ of America, north of Mexico, by A. R. Grote . . . Buffalo, N. Y., Reinecke & Zesch, printers, 1875-76.  
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Paged continuously; pt. I, 28 p.; pt. II, [29]-50 p.  
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**Grote, Augustus Radcliffe.** The cotton worm . . . [Montgomery, 1876]  
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**Howard, Leland Ossian.** Army worm (*Leucania unipuncta* Haw.) Washington, 1894.

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**Hoyt, J. D.** [Practical modes of destroying the cotton worm.] Selma [1874]

13 p. illus., pl. 15<sup>cm</sup>.

On cover: Prize essay. The silver pitcher, offered by H. A. Stollenwerck & bros., for the best essay on the destruction of the caterpillar, awarded to J. D. Holt, Livingston, Ala.

**Ismalun, Albert.** . . . Sommaire communication sur le ravageur du cotonnier, par Albert Ismalun . . . Le Caire, Imprimerie nationale de Boulaq, 1884.

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**Künckel d'Herculais, Jules Philippe Alexandre.** Les lépidoptères à trompe perforante, destructeurs des oranges (ophidères) . . . [Paris, 1875]

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Acronycta (Ochsenheimer) and of certain allied genera. By John B. Smith . . . and Harrison G. Dyar . . . Washington, Gov't print. off., 1898. Agr 4—3612

1 p. l., 194 p. xxii pl. 24 $\frac{1}{2}$ cm.

Includes an additional copy of pl. I-VII, in colors, and marked Bulletin 7, Division of entomology, Dept. agr. "These colored plates were originally intended for a publication of the Department of agriculture. The manuscript never having been completed, the plates were transferred . . . to the U. S. national museum, and are included by request with the separates sent out to entomologists."

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cover-title, 33-86 p. ii-iii pl. 24 $\frac{1}{2}$ cm.

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cover-title, 407-447 p. xxvi-xxxvii pl. 24 $\frac{1}{2}$ cm.

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cover-title, 197-276 p. viii-xi pl. 25cm.

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**Smith, John Bernhard.** . . . A hundred new moths of the family Noctuidæ. By John B. Smith . . . Washington, Gov't print. off., 1903. Agr 4—3609

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**Smith, John Bernhard.** New genera and species of North American Noctuidæ . . . [Washington, 1888]

450-479 p. 24 $\frac{1}{2}$ cm.

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1 p. l., 101-105 p. 24 $\frac{1}{2}$ cm.

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**Smith, John Bernhard.** Notes on Cydosia and Cerathosia . . . [Washington, 1889]

185-190 p. illus. 24cm.

From Proceedings of United States national museum, vol. xi, p. 185-190.

**Stelle, J. Parish.** The cotton caterpillar and how to combat it successfully. [Charleston, 1874]

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**Tracy, Samuel Mills.** Experiments on the boll worm injuring tomatoes. (U. S. Agriculture, Commissioner of. Report of the Commissioner . . . 1888. Washington, 1889. p. 141-142)

**Tryon, Henry.** . . . Caterpillar plague. (*Leucania unipuncta*, Haw.) [Brisbane] 1900.

135-147 p. CLXXII-CLXXIV pl. 24 $\frac{1}{2}$ cm.

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308-315, [1] p. XVIII-XXII A pl. 24 $\frac{1}{2}$ cm.

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4 v. 22cm.

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**Davidge, John Beale.** . . . Experiments and observations on the caterpillar which infests the Lombardy poplar . [Baltimore, 1806]

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**Poujade, Gustave Arthur.** Description d'une nouvelle espèce de lépidoptères de Madagascar . . . [Paris] 1903.

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Extrait du Bulletin du Muséum d'histoire naturelle de Paris, 1903, no. 2, p. 57.

**Riley, Charles Valentine.** Descriptions of two new moths . . [St. Louis, 1878]

240-255 p. illus. 23cm.

From the Transactions of the Academy of science of St. Louis. vol. III. 1868-1877.

## LIPARIDÆ.

**Bavaria—Government.** Die nonne, auch fichtenspinner, fichtenbär, rothbauch genannt (*Liparis monacha*). Naturgeschichtliche beschreibung der nonne, nebst kurzer darlegung der lebensweise und des forstlichen verhaltens derselben, dann bezeichnung der massnahmen zur vertilgung des insektes in den verschiedenen entwicklungs-zuständen (als falter, ei, raupe und puppe). Auf veranlassung der betheiligten staatsministerien für waldbesitzende gemeinden &c. und privatwaldbesitzer zusammengestellt von bayerischen forstbeamten. München, M. Rieger'sche universitäts-buchhandlung, 1890.

16 p. illus. 22 $\frac{1}{2}$ cm.

**Beutenmüller, William.** Description of a new moth from North Carolina . New York, 1903.

585-586 p. 24 $\frac{1}{2}$ cm.

Author's edition, extracted from Bulletin of the American museum of natural history, vol. XIX, article XXIII, pp. 585-586.

**Boas, Johan Erik Vesti.** Et besøg paa de af nonnen angrebne svenska skovdi-strikter i juli 1899 . . . [Kjøbenhavn, 1899]

[134]-146 p. 3-8 pl. 20cm.

Særtryk af "Tidsskrift for skovvæsen," XI, række B.

**Boas, Johan Erik Vesti.** Bøgenonnen i 1901. [Kjøbenhavn 1901?]

[146]-148 p. 21cm. (Skoven og dyrelivet. 65)

**Boas, Johan Erik Vesti.** Nonnen. I anledning af dens optræden i Sverrig 1898 . . . Kjøbenhavn, 1899.

[73]-85 p. col. pl. 20cm.

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**Boas, Johan Erik Vesti.** Nonnens optræden i Sverrig og i Danmark i de sidste aar . . . [København, 1903?]

46-63 p. 20 $\frac{1}{2}$ cm.

From Tidsskrift for skovvæsen, xv, B.

**Chrétien, Pierre.** Étude sur les lépidoptères, la ponte de la *Tephrosia crepuscularia* et de certaines liparides . . . [Paris] 1882.

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From Le naturaliste, v. 4, no. 18, September 15, 1882.

**Coleman, N.** . . . Notes on the changes in the larvæ of *Orgyia leucostigma* . . . [Boston] 1882.

[39]-42 p. 22cm.

From the Journal of the Boston zoölogical society, vol. 1, no. 4, p. 39-42.

**Fernald, Charles Henry.** The brown-tail moth, *Euproctis chrysorrhœa* (L.) A report on the life history and habits of the imported brown-tail moth, together with a description of the remedies best suited for destroying it. By Charles H. Fernald . . . and Archie H. Kirkland . . . Published under the direction of the State board of agriculture by authority of the legislature. Boston, Wright & Potter printing co., state printers, 1903. Agr 4-893

73 p. 14 pl. incl. front., map. 23cm.

**Forbush, Edward H.** The gypsy moth. *Porthetria dispar* (Linn.) A report of the work of destroying the insect in the commonwealth of Massachusetts, together with an account of its history and habits both in Massachusetts and Europe. By Edward H. Forbush . . . and Charles H. Fernald . . . Published under the direction of the State board of agriculture by authority of the Legislature. Boston, Wright & Potter printing co., state printers, 1896.

xii, 495, c p. illus., 66 pl. (partly col.) incl. col. front., v maps. 23cm.

11 of the plates accompanied by leaf of descriptive text.

"Literature on the gypsy moth": p. 257-267.

**Froggatt, Walter Wilson.** . . . On the bag-shelters of lepidopterous larvæ of the genus *Teara* . . . [Sydney] 1896.

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From the Proceedings of the Linnean society of New South Wales, 1896, pt. 2, June 24th.

**Great Britain—Board of agriculture.** Tent caterpillars. See under *Lasiocampidæ*, p. 347.

**Grevillius, Anders Yngve.** Zur kenntnis der biologie des goldafters (*Euproctis chrysorrhœa* (L) Hb.) und der durch denselben verursachten beschädigungen. Von Dr. A. Y. Grevillius . . . Leipzig, G. Thieme, 1905. Agr 5-637

[1], [222]-322 p. illus. 23 $\frac{1}{2}$ cm.

"Verzeichnis der benutzten literatur": p. 319-322.

Abdruck aus den Beiheften zum Botanischen centralblatt. bd. xviii. abt. II. heft. 2. Originalarbeiten.

**Hancock, Joseph Lane.** The white-marked tussock-moth (*Orgyia leucostigma* Smith and Abbott) in Chicago . . . [Boston] 1894.

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From the American naturalist, v. 28. April 1, 1894.

**Howard, Leland Ossian.** Gypsy moth in America: a summary account of the introduction and spread of *Porthetria dispar* in Massachusetts and the efforts made by the state to repress and exterminate it. Washington, 1897.

39 p. illus. 23cm. (U. S. Agriculture, Dept. of—Entomology, Division of. Bulletin, new ser., 11)

**Massachusetts—State board of agriculture.** Report . . . on the work of extermination of the gypsy moth. Jan., 1893-99. Boston, Wright & Potter printing co., state printers, 1893-[99]

7 nos. plates. 23 $\frac{1}{2}$ cm.

**Massachusetts**—*State board of agriculture*. . . . Special report of the State board of agriculture on the work of extermination of the *Ocneria dispar* or gypsy moth. Acts of 1891, chapter 210. Boston, Wright & Potter printing co., state printers, 1892.

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cover-title, 26 p. col. front., plates, map. 23½<sup>cm</sup>. ([Massachusetts. General court, 1892] House. [Doc.] no. 25)

**Silant'ev, A. A.** Монашенка (*Ocneria monacha* L.) въ лѣсахъ царства польскаго въ 1893 году, ея образъ жизни, распространеніе и борьба съ нею. А. А. Силантьевъ. Москва, Типо-литографія Г. С. Ламакина, 1895.

61 p. fold. tab. 25<sup>cm</sup>.

The nun moth (*Ocneria monacha* L.) in the forests of the government of Poland in 1893, its habits, distribution and the struggle against it.

**Wachtl, Fritz A.** . . . Beiträge zur kenntniss der morphologie, biologie und pathologie der nonne (*Psilura monacha* L.) und versuchsergebnisse über den gebrauchswerth einiger mittel zur vertilgung der raupe. Von Fritz A. Wachtl, und Karl Kornauth . . . Wien, K. u. K. Hof-buchhandlung W. Frick, 1893.

4 p. l., 38 p., 3 l. illus., III pl. (1 col.) 29½<sup>cm</sup>. (Mittheilungen aus dem forstlichen versuchswesen Österreichs. xvi. heft)

[**Wasmann, Eric**] . . . Die nonne. [Freiburg i. B., 1893]

26 p. 22½<sup>cm</sup>.

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[**Wasmann, Eric**] . . . Zum ende der nonnenplage. [Freiburg i. B., 1894]

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**Aurivillius, Per Olof Christopher.** . . . On the Ethiopian genera of the family Striphnopterygidæ . . . Stockholm, 1901.

33 p. illus., 5 pl. 21½<sup>cm</sup>.

Bihang till K. Svenska vet. akad. Handlingar. Bd. 27. Afd. iv. N:o 7.

**Davis, Nelson F.** . . . The apple-tree tent-caterpillar and its life history. By Nelson F. Davis . . . [Harrisburg] W. S. Ray, state printer, 1904.

Agr 4—3429

16 p. 28 pl. 23½<sup>cm</sup>. (Commonwealth of Pennsylvania. Dept. of agriculture. Bulletin no. 120)

**Great Britain**—*Board of agriculture*. . . . Tent caterpillars. The lackey moth (*Clisiocampa neustria*, Linn) and the brown tail (*Porthesia chrysorrhœa*, Linn.) [London, 1901]

5 p., 1 l. 21<sup>cm</sup>. (*Its* Leaflet no. 69)

**Morgan, Joseph Harcourt Alexander.** Some observations upon *Artace punctistriga*. (U. S. Agriculture, Dept. of—Experiment stations, Office of. Bulletin 99. Washington, 1901. p. 182–183. 3 pl.)

**Philippi, Federico.** Escrecencias de la vid y dos insectos dañinos al agricultor . . . Santiago de Chile, 1887.

7 p. pl. 23½<sup>cm</sup>.

Del Boletín de la Sociedad nacional de agricultura, A. XVIII.

**Walsingham, Thomas De Grey, 6th lord.** . . . Contributions to the knowledge of the genus *Anaphe*, Walker . . . London, 1885.

cover-title, 421–426 p. 2 col. pl. 31<sup>cm</sup>. (The Transactions of the Linnean society of London. 2nd ser. Zoology. Vol. II. Part 12)

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**Jones, Edward Dukinfield.** Notes on the various stages of the "hammock moth" . . . [London and Liverpool] 1879.

7 p. 1 fold. pl. 21½<sup>cm</sup>.

From the Proceedings of the Literary and philosophical society of Liverpool, v. 33, p. 77–81.

## BOMBYCIDÆ.

**Beutenmüller, William.** Descriptive catalogue of the bombycine moths found within fifty miles of New York City . . . New York, 1898.

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Author's ed., extracted from Bulletin of the American museum of natural history, vol. x, article xvii.

**Packard, Alpheus Spring.** Monograph of the bombycine moths of America north of Mexico, including their transformations and origin of the larval markings and armature. Part I-II . . . By Alpheus S. Packard . . . [Washington, Gov't print. off., 1895-1905] 5-31916

v. 1-2. plates (partly col.) maps. 31<sup>cm</sup>. (Added t.p.: Memoirs of the National academy of sciences. Vol. VII, IX)

CONTENTS.—pt. I. Notodontidae.—pt. II. Ceratocampidae, subfamily Ceratocampinae.

**Packard, Alpheus Spring.** New American moths; Zygaenidæ and Bombycidæ. *See under Zygaenidæ*, p. 338.

**Packard, Alpheus Spring.** Studies on the life-history of some bombycine moths, with notes on the setæ and spines of certain species . . . [New York] 1893.

[41]-92 p. illus. 23<sup>cm</sup>.

From the Annals of the New York academy of sciences, vol. VIII, May, 1893.

**Reichenbach, Ludwig.** Ein zweifelhafter triton und eine ausgezeichnete varietät von *Euprepia villica* . . . Eingegangen bei der Akademie im december 1865. Dresden, 1865.

15 p. col. pl. 30½<sup>cm</sup>.

From Nova acta Acad. Cæs. Leop.-Carol. germ. nat. cur. xxxii, 1865, no. 10.

**Reuter, Enzo.** . . . *Bombyx lanestris* L. var. *Aavasaksæ* Teich och dess utvecklingshistoria . . . [Helsingfors] 1890.

[48]-54 p. 23<sup>cm</sup>.

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xi, 84 p. LXI-LXXVII col. pl. 33<sup>cm</sup>.

**Wilkinson, Samuel James.** The British tortrices. By S. J. Wilkinson. London, J. Van Voorst, 1859.

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1 p. l., 24, [1] p. illus., col. pl. 23½<sup>cm</sup>.

Estratto dalla Rivista di patologia vegetale, n. 1-6, 1893.

**Boll, Jacob.** Ueber die befruchtung der nordamerikanischen Yucca-arten. [n. p., 1876]

4 p. illus. 22<sup>cm</sup>.

**Bos, Jan Ritzema.** . . . De "spruitvreter" der bessenstruiken (*Incurvaria capitella* L.) [Gent, 1897]

4 p. 23<sup>cm</sup>.

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**Busck, August.** . . . New species of moths of the super-family Tineina from Florida . . . Washington, 1900.

225-254 p. 1 pl. 24½<sup>cm</sup>.

From the Proceedings of the United States national museum, vol xxiii, p. 225-254. <No. 1208>

**Busck, August.** . . . A review of the American moths of the genus *Depressaria* Haworth, with descriptions of new species . . . Washington, 1902.

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[745]-778 p. 24½<sup>cm</sup>.

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**Carter, Landon.** Observations concerning the fly-weevil that destroys the wheat, with some useful discoveries and conclusions concerning the propagation and progress of that pernicious insect, and the methods to be used to prevent the destruction of the grain by it . . . [Philadelphia, 1771]

205-217 p. 24<sup>cm</sup>.

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**Chambers, Vactor Tousey.** Annual address [1879: The metamorphoses of insects as illustrated in the tineid genus *Lithocolletis* of Zeller] Cincinnati, 1879.

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125-167 p. 23 $\frac{1}{2}$ cm. [*With his* The Tineina of Colorado]

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**Chambers, Vector Tousey.** . . . Notes on a collection of tineid moths made in Colorado in 1875 by A. S. Packard, jr., M. D. . . . [Washington, 1877]

143-145 p. illus. 23 $\frac{1}{2}$ cm. [*With his* The Tineina of Colorado]

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**Chambers, Vector Tousey.** . . . On *Pronuba yuccasella* (Riley), and the habits of some Tineina . . . [Cincinnati] 1878.

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[107]-123 p. 23cm.

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**Chambers, Vector Tousey.** . . . The Tineina of Colorado . . . [Washington, 1877]

121-142 p. 23 $\frac{1}{2}$ cm.

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**Great Britain—Board of agriculture.** The raspberry moth (*Lampronia rubiella*). [London, 1898]

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**Marlatt, Charles Lester.** Peach twig-borer: an important enemy of stone fruits. Washington, 1898.

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**Stainton, Henry Tibbats.** The natural history of the Tineina . . . By H. T. Stainton, assisted by Prof. Zeller and J. W. Douglas. London, J. Van Voorst; [etc., etc.] 1855-70.

v. 1-18. col. plates. 23<sup>cm</sup>.

In English, French, German, and Latin.

vol. III-V, VII-XIII by H. T. Stainton, assisted by Professor Zeller, J. W. Douglas, and Professor Frey.

CONTENTS.—Vol. I. Nepticula. Pt. I. Cemiostoma. Pt. I. 1855.—Vol. II. Lithocolletis. Pt. I. 1857.—Vol. III. Elachista. Pt. I. Tischeria. Pt. I. 1858.—Vol. IV. Coleophora. Pt. I. 1859.—Vol. V. Coleophora. Pt. II. 1860.—Vol. VI. Depressaria. Pt. I. 1861.—Vol. VII. Bucculatrix. Pt. I, and Nepticula. Pt. II. 1862.—Vol. VIII. Gracilaria. Pt. I, and Ornix. Pt. I. 1864.—Vol. IX. Gelechia. Pt. I. 1865.—Vol. X. Gelechia. Pt. II. 1867.—Vol. XI. Prays, Swammerdamia, Zelleria, Laverna, Glyphipteryx, Heliozela and Antispila. 1870.—Vol. XII. Cosmopteryx, Stathmopoda, Chauliodes, Asychna and Ochromolopia, and . . . the history of twelve species of the genus Depressaria. 1870.—Vol. XIII. Ochsenheimeria, Phylloporia, Myrmecozela, Incurvaria, Microp-teryx, Adela, Nemotois, Pescadia, Phibalocera, Enicostoma, Exæretia, and Ypsolophus. 1873.

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**Theobald, Frederick Vincent.** The larch Coleophora or leaf miner (*Coleophora laricella*, Hübner) [New York, 1904]

181-182 p. illus. 32<sup>cm</sup>.

From the Gardeners' chronicle, no. 924, Sept. 10, 1904.

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[11]-12 p. 23<sup>1</sup>/<sub>2</sub><sup>cm</sup>.

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**Townsend, Charles Henry Tyler.** . . A mesquite tineid which constructs a bag-like case from the leaves. [San Francisco, 1893]

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36-37 p. 24<sup>cm</sup>.

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**Walsingham, Thomas De Grey, 6th lord.** New genera of Agdistidæ and Pterophoridæ. London, 1892.

7 p. col. pl. 27<sup>cm</sup>.

Reprinted from the "Entomologist's monthly magazine," vol. XXVII, p. 216-218 (August), 241-244 (September), 259-262 (October), 1891; and illustrated by plate XII of the first volume of "Novitates lepidopterologicae."

**Walsingham, Thomas De Grey, 6th lord.** . . A new species of Tineidæ. (*Gracilaria theivora*, Wlsm., sp. nov.) [Calcutta, 1891]

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**Walsingham, Thomas De Grey, 6th lord.** . . . On moths collected at Aden and in Somaliland. By Lord Walsingham . . . and G. F. Hampson . . . [London, 1895]

[257]-283 p. col. pl. 22 $\frac{1}{2}$ cm.

From the Proceedings of the Zoological society of London, February 18, 1895.

**Walsingham, Thomas De Grey, 6th lord.** On some new and little known species of Tineidæ . . . [London, 1880]

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From the Proceedings of the Zoological society of London, February 15, 1881.

**Whitehead, Charles.** . . . Special report of the Intelligence department on the attack of the diamond-back moth caterpillar. 1891. London, printed for H. M. Stationery off., by Eyre and Spottiswoode, 1891.

iv, 30 p. 24 $\frac{1}{2}$ cm.

At head of title: Board of agriculture.

Signed: Charles Whitehead.

### HEPIALIDÆ.

**Olliff, Arthur Sidney.** . . . Notes on *Zelotypia Stacyi*, and an account of a variety . . . [Sydney] 1887.

[467]-470 p. 22 $\frac{1}{2}$ cm.

From vol. II (series 2nd) of the "Proceedings of the Linnean society of New South Wales" (August 31st, 1887)

**Olliff, Arthur Sidney.** . . . On a new *Pielus* from the Blue Mountains [Sydney] 1887.

[1015]-1016 p. 1 col. pl. 21 $\frac{1}{2}$ cm.

From vol. II (series 2nd) of the "Proceedings of the Linnean society of New South Wales" (December 28th, 1887)

## HEMIPTERA.

### GENERAL.

**Amyot, Charles Jean Baptiste.** Histoire naturelle des insectes. Hémiptères. Par C.-J.-B. Amyot . . . et Audinet Serville . . . Ouvrage accompagné de planches. Paris, Roret, 1843.

lxxvi, 675, [1] p. and atlas (12 col. pl.) 21 $\frac{1}{2}$ cm.

**Berg, Carlos.** Notas hemipterológicas . . . [Buenos Aires, 1899]

[158]-160 p. 24cm.

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**Blanchard, Raphael.** . . . Sur la piqure de quelques hémiptères . . . Paris, 1902.

[139]-148 p. 25 $\frac{1}{2}$ cm.

Extrait des Archives de parasitologie, t. v, no. 1.

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**Distant, William Lucas.** . . . Rhynchotal notes [I-VIII] [London, 1899-1901]

8 nos. in 9 pts. 22cm.

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From the Annals and magazine of natural history, ser. 7, vol. IV, July, September, 1899; ser. 7, vol. V, April, May, 1900; ser. 7, vol. VI, July, August, October, 1900; ser. 7, vol. VII, January, 1901.

**Fabricius, Johann Christian.** . . . Systema rhyngotorum secundum ordines, genera, species adiectis synonymis, locis, observationibus, descriptionibus. Brunsvigae, apud C. Reichard, 1803.

[iii]-x, 314, [1] p. 20 $\frac{1}{2}$ cm.

**Fieber, Franz Xaver.** Entomologische monographien . . . Sieben abhandlungen. Prag, J. G. Calve'schen buchhandlung, 1844. Agr 5—151

2 p. l., [137], [1] p. x pl. 28<sup>cm</sup>.

Paging irregular. p. 137 erroneously numbered 118.

Aus den Abhandlungen der K. Böhm. gesellschaft der wissenschaften (v. folge, bd. 3)

Slip pasted over imprint reads: Leipzig, 1844, Verlag von J. A. Barth.

**Fieber, Franz Xaver.** Rhynchotographieen. Von Franz Xav. Fieber . . . Drei monographische abhandlungen. Vorträge gehalten am 21. jänner 1846 und am 8. april 1847 in den Sections-versammlungen der Königl. Böhm. Gesellschaft der wissenschaften . . . Prag, Druck der Kais. Königl. Hofbuchdruckerei von G. Haase söhne, 1851.

64 p. 27<sup>1</sup>/<sub>4</sub><sup>cm</sup>.

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**Forbes, Stephen Alfred.** . . . Bacteria normal to digestive organs of Hemiptera . . . [Springfield, Ill., 1892]

6 p. 23<sup>cm</sup>.

From Bulletin of the Illinois State laboratory of natural history. vol. iv.

**Kirkaldy, George Willis.** . . . Aquatic Rhynchota . . . [Torino, 1899]

2 p. 25<sup>cm</sup>.

At head of title: Viaggio del Dott. A. Borelli nel Chaco boliviano e nella Repubblica Argentina. xvi. From Bollettino dei Musei di zoologia ed anatomie comparata della R. Università di Torino, vol.

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**Kirkaldy, George Willis.** . . . Aquatic Rhynchota. [Torino, 1899]

4 p. illus. 25<sup>cm</sup>.

At head of title: Viaggio del Dr. A. Borelli nella Repubblica Argentina e nel Paraguay, xxiv.

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xiv, n. 351.

**Kirkaldy, George Willis.** . . . Aquatic Rhynchota . . . [Torino, 1899]

8 p. illus. 25<sup>cm</sup>.

At head of title: Viaggio del Dr. Enrico Festa nell' Ecuador e regioni vicine, xix.

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**Kirkaldy, George Willis.** . . . Aquatic Rhynchota collected by Dr. E. Festa in Darien & Venezuela. [Torino, 1899]

[1] p. 25<sup>cm</sup>.

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**Kirkaldy, George Willis.** Note sopra alcuni rincoti acquatici africani del Museo civico di storia naturale di Genova . . . [Genova, 1898]

2 p. 25<sup>cm</sup>.

Estratto dagli Annali del Museo civico di storia naturale di Genova. ser. 2, vol. xix (xxxix) 15 luglio 1898.

**Kirkaldy, George Willis.** . . . On some aquatic Rhynchota from South America in the collections of the Museum of zoology and comparative anatomy of the Royal university of Turin. [Torino, 1899]

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**Lethierry, Lucien.** . . . Catalogue général des hémiptères, par L. Lethierry . . . et G. Severin . . . Bruxelles, F. Hayez, imprimeur de l'Académie royale de Belgique, 1893—96.

3 v. 24<sup>1</sup>/<sub>4</sub><sup>cm</sup>.

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Imprint of v. 3: Berlin, R. Friedländer & fils, libraires-éditeurs, 1896.

CONTENTS.—t. I. Héteroïptères; Pentatomidæ.—t. II. Héteroïptères; Coreidæ, Berytidæ, Lygaeidæ, Pyrrhocoridae.—t. III. Héteroïptères; Tingidæ, Phymatidæ, Aradidæ, Hebridæ, Hydrometridæ, Henicoccephalidæ, Reduvidæ, Saldidæ, Apophilidæ, Ceratocombidæ, Cimicidæ, Anthocoridae.

**Locy, William Albert.** Observations on the pulsating organs in the legs of certain Hemiptera . . . [Philadelphia, 1884]

13-19 p. illus., pl. 23<sup>cm</sup>.

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**Löw, Franz.** Beiträge zur kenntniss der rhynchoten . . . [Wien, 1862]

8 p. 1 pl. 22<sup>1</sup>/<sub>2</sub><sup>cm</sup>.

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**Osborn, Herbert.** . . . Notes on the distribution of Hemiptera . . . [Des Moines?, 1893]

120-123 p. 23<sup>cm</sup>.

From Proceedings Iowa academy of sciences for 1893, vol. 1, pt. IV.

**Smith, John Bernhard.** . . . The structure of the hemipterous mouth. [New York] 1892.

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**Spinola, Massimiliano.** Essai sur les insectes hémiptères, rhyngotes, ou hétéroptères, par Maximilien Spinola. Paris, J.-B. Baillière; [etc., etc.] 1840.

383 p. 5 fold. tab. 21<sup>1</sup>/<sub>2</sub><sup>cm</sup>.

"Liste des ouvrages cités ou simplement consultés dans le courant de cet essai: p. [5-6]

**Spinola, Massimiliano.** Tavola sinottica dei generi spettanti alla classe degli insetti Artroidignati, Flempiptera, Linn. Latr.—Rhyngota, Fab.—Rhynchota, Burm. Memoria del socio attuale Signor marchese Massimiliano Spinola . . . Modena, Dai tipi della R. D. Camera, 1850.

138 p. 30<sup>1</sup>/<sub>2</sub><sup>cm</sup>.

Inserita nella pte 1<sup>a</sup> del tomo xxv, delle Memorie della Società italiana delle scienze residente in Modena.

**Stål, Carl.** Hemiptera Fabriciana. Fabricianska hemipterarter, efter de i Köpenhamn och Kiel förvarade typexemplaren granskade och beskrifne of C. Stål. Till K. Vet.-akad. inlemnad den 9 September 1868. . . . Stockholm, P. A. Norstedt & söner, 1868-69.

2 pts. in 1 v. 31<sup>cm</sup>. (Kongl. Svenska vetenskaps-akademiens Handlingar. Bandet 7. N:o 11; Bandet 8. N:o 1)

**Stoll, Caspar.** Natuurlyke en naar't leeven naauwkeurig gekleurde afbeeldingen en beschryvingen der cicaden en wantzen, in alle vier waerelds deelen, Europa, Asia, Africa en America, huishoudende, by een verzameld en beschreeven door Caspar Stoll'. Représentation exactement colorée d'après nature des cigales et des punaises, qui se trouvent dans les quatre parties du monde, l'Europe, l'Asie, l'Afrique et l'Amérique; rassemblées et décrites par Caspar Stoll'. Amsterdam, J. C. Sepp, 1780-88.

2 v. in 1. 70 col. pl. 29<sup>1</sup>/<sub>2</sub><sup>cm</sup>.

Each vol. has added engr. t. -p. in colors.

Dutch and French in parallel columns.

CONTENTS.—[pt. 1] Cicaden.—[pt. 2] Wantzen.

**Westwood, John Obadiah.** A catalogue of Hemiptera, in the collection of the Rev. F. W. Hope . . . with short Latin descriptions of the new species, by J. O. Westwood. . . . London, Printed by J. C. Bridgewater, 1842.

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**White, Francis Buchanan White.** . . . Report on the pelagic Hemiptera procured during the voyage of H. M. S. Challenger in the years 1873-1876. By F. Buchanan White. . . . [London, Printed for H. M. Stationery off., 1883]

Agr 4-3628

2 p. 1, 82, [6] p. III pl. (2 col.). 31<sup>cm</sup>. ([Report on the scientific results of the voyage of H. M. S. Challenger during the years 1873-76 . . . Zoology—vol. VI, pt. XIX])

**Zabriskie, J. L.** A curious unknown, aquatic, hemipterous larva. . . . [New York, 1891]

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## UNITED STATES.

**Osborn, Herbert.** Additions to the lists of Hemiptera of Iowa, with descriptions of new species . . . [Des Moines, 1898]

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From Contributions from the Department of zoology and entomology, Iowa state college of agriculture and mechanic arts, no. 3.

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[172]-234 p. XIX-XXVI pl. 22<sup>1</sup>/<sub>2</sub><sup>cm</sup>.

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**Uhler, Philip Reese.** Hemiptera of the North Pacific exploring expedition under Com'rs Rodgers and Ringgold . . . [Philadelphia, 1860]

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[269]-361 p., 1 l. 19-21 pl. 23<sup>cm</sup>.

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**Van Duzee, Edward P.** A list of the Hemiptera of Buffalo and vicinity . . . [Buffalo, 1894]

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**Atkinson, Edwin T.** New or little known Indian Rhynchota. By E. T. Atkinson . . . Calcutta, Printed by G. H. Rouse, 1888.

1 p. I., 333-345 p. col. pl. 23<sup>cm</sup>.

Reprinted from the Journal of the Asiatic society of Bengal, vol. LVII, pt. 2, no. 4, 1888.

**Berg, Carlos.** . . . Contribución al estudio de los hemípteros de la Tierra del Fuego . . . Buenos Aires, 1896.

7 p. 27<sup>cm</sup>.

From Anales del Museo nacional de Buenos Aires, tomo V, p. 131 á 137.

**Berg, Carlos.** Hemiptera argentina enumeravit speciesque novas descripsit Carolus Berg. Bonariæ, Ex-typographiæ P. E. Coni, [etc., etc.] 1879. Agr 3-770

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1 p. I., [195]-206 p. 27<sup>1</sup>/<sub>2</sub><sup>cm</sup>.

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**Berg, Carlos.** Nova Hemiptera faunarum Argentinae et Uruguayensis, descripsit Carolus Berg . . . Bonariæ, Ex typographiæ P. E. Coni et filiorum, 1891-92.

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Ex: Anal. Soc. cient. argent. t. XXXII (1891) et t. XXXIII & XXXIV (1892)

**Breiddin, Gustav.** Die hemipteren von Celebes; ein beitrage zur faunistik der insel, von Gustav Breiddin . . . Stuttgart, E. Schweizerbart'sche verlagshandlung (E. Naegle) 1901.

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**Carpenter, George Herbert.** Reports on the zoological collections made in Torres Straits by Professor A. C. Haddon, 1888-1889. Rhynchota from Murray Island and Mabuiag . . . [Dublin, 1891]

137-146 p. XII-XIII pl. 21<sup>cm</sup>.

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**Faune entomologique armoricaine. Hémiptères.** v. 1, 1.-3. familles. Rennes, Impr. F. Simon, 1904.

3 pts. in 1. 25<sup>½</sup><sup>cm</sup>.

Publié par la Société scientifique et médicale de l'ouest.

CONTENTS.—Vol. 1. Hétéroptères, par J. Guérin et J. Péneau. 1.-3. familles. Pentatomides, coréides, bértyides.

**Fieber, Franz Xaver.** Die europäischen Hemiptera. Halbflügler. (Rhynchota Heteroptera) Nach der analytischen methode bearbeitet, von Dr. Franz Xaver Fieber . . . Mit zwei lithographirten tafeln. Wien, C. Gerold's sohn, 1861.

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CONTENTS.—1. th. Rhynchota frontirostria Zett.—2. th. Rhynchota gulaerostria Zett.

**Froggatt, Walter Wilson.** Notes on Australian Hemiptera. (Plant bugs) . [Sidney, 1901-02]

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**Marquand, Ernest D.** The Hemiptera of the Land's End district. [n. p., n. d.]

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**Puton, Auguste.** Catalogue des hémiptères (hétéroptères, cicadines et psyllides) de la faune paléarctique, par le Dr. A. Puton . . . 3. éd. Caen, Imprimerie le Blanc-Hardel, H. Delesques, successeur, 1886.

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**Reuter, Odo Morannal.** Hemiptera gymnocerata Europæ. Hémiptères gymnocérates d'Europe, du bassin de la Méditerranée et de l'Asie Russe, décrites par O. M. Reuter. [Helsingfors, Imprimerie de la Société finlandaise de littérature, 1878]–96.

5 v. 34 pl. (27 col.) 28½<sup>cm</sup>.

Vol. i–iii form vol. xiii of the Acta Soc. Fennicæ.

**Sahlberg, John.** Bidrag till Tschuktsch-Halföns insektfauna. See under Coleoptera, p. 201.

**Sahlberg, John.** Coleoptera och Hemiptera insamlade af Vega-expeditionens medlemmar å Berings Sunds Amerikanska kust. See under Coleoptera, p. 201.

**Sahlberg, John.** Coleoptera och Hemiptera insamlade af Vega-expeditionens medlemmar på Bering-On. See under Coleoptera, p. 201.

**Schouteden, H.** . . . Faune entomologique de l'Afrique tropicale. Rhynchota æthiopica, auctore H. Schouteden . . . Bruxelles [Spineux et c<sup>e</sup>] 1903–05.

pt. 1–2. illus., ii col. pl. 37½<sup>cm</sup>. (État indépendant du Congo. Annales du Musée du Congo . . . Zoologie. Sér. iii [tome i, fasc. i–ii])

CONTENTS.—I. Scutellerinæ et Graphosomatidæ. II. Arminæ et Tessaratominiæ.



**Signoret, Victor.** Hémiptères, par M. Signoret. [Paris, 1888] Agr 3—1265  
7 p. 28<sup>cm</sup>. ([Ministères de la marine et de l'instruction publique. Mission scientifique du Cap  
Horn. 1882-1883. Tome VI. Zoologie. Insectes])  
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**Stål, Carl.** . . . Enumeratio hemipterorum. Bidrag till en förteckning öfver  
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Stockholm, P. A. Norstedt & söner, 1870-76.  
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607-776 p. VII-IX pl. 22½<sup>cm</sup>.  
Öfversigt af Kongl. Vetenskaps-akademiens Förhandlingar, 1870, no. 7.

**Uhler, Philip Reese.** . . . List of Hemiptera-Heteroptera of Las Vegas Hot  
Springs, New Mexico, collected by Messrs. E. A. Schwarz and Herbert S. Barber . . .  
Washington, 1904.  
1 p. l., 349-364 p. 24½<sup>cm</sup>.

From the Proceedings of the United States national museum, vol. xxvii, p. 349-364 <No. 1360>

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the United States national museum by professor Mitzukuri . . . Washington, 1896.  
255-297 p. 24½<sup>cm</sup>.  
From the Proceedings of the United States national museum, vol. xix, p. 255-297 <No. 1108>

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**Berg, Carlos.** . . . Descripciones de algunos hemípteros heterópteros nuevos ó  
poco conocidos, por el Dr. Carlos Berg . . . Montevideo, Imprenta artística de Dor-  
naleche y Reyes, 1894.

[3]-19 p. 29<sup>cm</sup>.

De los "Anales del Museo nacional de Montevideo" (i, p. 13-27.—1894)

**Biologia centrali-americana.** Insecta. Rhynchota. Hemiptera-Heteroptera . . .  
[London, Pub. for the editors by R. H. Porter] 1880-1901. Agr 5—500

2 v. plates (partly col.) 32<sup>cm</sup>.

Vol. i by W. L. Distant; vol. ii by G. C. Champion.

Issued in parts.

Cover-titles: Biologia centrali-americana; or, Contributions to the knowledge of the fauna and flora  
of Mexico and Central America. Ed. by F. Ducane Godman and Osbert Salvin.

Aug. 1893-1901, ed. by F. Ducane Godman.

**Castelnau, Francis L. de Laporte, comte de.** Essai d'une classification systé-  
matique de l'ordre des hémiptères (hémiptères hétéroptères, Latr.) . . . [Paris,  
1832]

88 p. 51-55 pl. 22<sup>cm</sup>.

From Magasin de zoologie, 1832, tome 2.

**Douglas, John William.** The British Hemiptera, vol. i. Hemiptera-Heterop-  
tera. By John William Douglas, and John Scott. London, Pub. for the Ray society  
by R. Hardwicke, 1865. Agr 3—779

xii, 627, [1] p., 21 l. 21 pl. 23<sup>cm</sup>.

Added t.-p.: The Ray society . . . London, 1865.

**Fieber, Franz Xaver.** Genera hydrocoridum secundum ordinem naturalem in  
familias disposita, auctore Francisco Xaverio Fieber . . . Pragæ, Ex Cæs. Reg.  
Aulica typographia filiorum A. Haase, 1851.

30 p., 1 l. iv pl. 29<sup>cm</sup>.

Ex Actis Regiæ bohemicæ societatis scientiarum.

**Glover, Townend.** Heteroptera or plant-bugs. (U. S. Agriculture, Commissioner of. Report of the Commissioner for the year 1875. Washington, 1876. p. 114-140. illus.)

**Glover, Townend.** Manuscript notes from my journal; or, Illustrations of insects, native and foreign. Order Hemiptera, suborder Heteroptera, or plant-bugs. By Townend Glover . . . Washington, Written & etched by Townend Glover; transferred to and printed from stone by J. C. Entwisle, 1876.

1 p. l., 11 numb. l., 10 l., 132 numb. l. x pl. (9 col.) 30<sup>cm</sup>.

**Hahn, Carl Wilhelm.** Die wanzenartigen insecten. Getreu nach der natur abgebildet und beschrieben von Dr. Carl Wilhelm Hahn . . . Nürnberg, C. H. Zeh, 1831-53.

Agr 3-785

9 v. cccxxiv pl. (partly col.) 21<sup>1</sup>/<sub>4</sub><sup>cm</sup>.

Continued, from the second half of v. 3, by G. A. W. Herrich-Schäffer.

Imprint of v. 8-9: Nürnberg, J. L. Lotzbeck, 1848-53.

**Horváth, Géza von.** Heteroptera anatolica in regione Brüssæ collecta . . . [Budapest, 1883]

21-30 p. 25<sup>cm</sup>.

From Természettajzi füzetek, vol. 7, 1883.

**Horváth, Géza von.** Hydrocorisæ tres novæ . . . [Budapest] 1904.

[594]-595 p. 25<sup>cm</sup>.

From Annales Musei nationalis hungarici, vol II, 1904.

**Léon, Nicu.** . . . Disposition anatomique des organes de succion chez les hydrocores et les géocores par le Dr. N. Léon . . . Jassy, Imprimerie nationale, 1888. 20 p. illus. 17<sup>1</sup>/<sub>4</sub><sup>cm</sup>. (Publications du Bulletin de la Société des médecins et naturalistes de Jassy)

**Léon, Nicu.** Recherches morphologiques sur les pièces labiales des hydrocores par le Dr. N. Léon . . . Jassy, Tip. "Dacia" P. Iliescu & D. Grossu, 1901.

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**Martin, Joanny.** Hémiptères hétéroptères nouveaux d'Asie . . . [Paris, 1902]

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204 p. 29<sup>cm</sup>.

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3 p. 24<sup>cm</sup>.

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**Coutière, H.** Sur un nouvel hémiptère halophile, *Hermatobatodes Marchei*, n. gen., n. sp., par H. Coutière et J. Martin . . . Paris, 1901.

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Pragæ, 1851.

48 p. 11 pl. 28½<sup>cm</sup>.

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Vol. I by W. L. Distant and W. W. Fowler; vol. II by W. W. Fowler; vol. II, pt. 2 by T. D. A. Cockerell.

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[431]-455 p. 23½<sup>cm</sup>.

From Zeitschrift für naturwissenschaften, bd. LVII, 1884, juli-august.

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**Gillette, Clarence P.** . . . The grape-vine typhlocybrids of the Mesilla Valley, N. M. [Cambridge, Mass., 1895]

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**Cook, Albert John.** The grape-vine phylloxera. [Columbus, 1878]

39-46 p. illus. 24cm.

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**Cornu, Maxime.** . . . Études sur la nouvelle maladie de la vigne, par M. Maxime Cornu . . . [Paris, Imprimerie nationale, 1876]

46 p. III col. pl. 28x22 $\frac{1}{2}$ cm.

Caption title.

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**Cornu, Maxime.** Expériences faites à la Station viticole de Cognac dans le but de trouver un procédé efficace pour combattre le phylloxéra, par MM. Max. Cornu et Mouillefert . . . Paris, Imprimerie nationale, 1876.

cover-title, 240 p. 28x22 $\frac{1}{2}$ cm.

Extrait des Mémoires présentés par divers savants à l'Académie des sciences de l'Institut national de France. [Tome xxv.—no. 3]

**Coste, L.** Le phylloxéra au congrès de Montpellier, par le Dr. L. Coste. Salins, Billet, 1875.

32 p. 21cm.

**Coste, L.** . . . Rapport sur l'état actuel de la maladie de la vigne, par le Dr. L. Coste . . . Poligny, Impr. de G. Mareschal, 1876.

31 p. 22 $\frac{1}{2}$ cm.

At head of title: Commission du phylloxéra de l'arrondissement de Poligny.

**Coste, U.** Phytotomie pathologique; étude anatomique de la lésion produite par le phylloxéra sur les racines de la vigne; détermination du degré de résistance au phylloxéra des divers cépages . . . par le Dr. U. Coste . . . Montpellier, Imprimerie centrale du midi, 1877.

48 p. illus. 22 $\frac{1}{2}$ cm.

**Covelle, Ernest.** Le phylloxéra dans le canton de Genève en 1880, 1883, 1886; rapport à la Commission cantonale, par Ernest Covelle . . . Genève, 1881-87.

3 nos. 22-23cm.

**Crolas.** . . . Manuel pratique des sulfurages. Guide du vigneron pour l'emploi du sulfure de carbone contre le phylloxera, par le Dr. Crolas . . . [et] V. Vermorel . . . 16. ed., rev. et augm. Villefranche (Rhône) Aux bureaux du Progrès agricole et viticole; Paris, Michelet; [etc., etc.] 1893.

Agr 4—3413

110 p. incl. illus., diagrs. 21cm. (Bibliothèque du Progrès agricole et viticole)

**Crolas.** Phylloxéra et sulfure de carbone; enquête sur les vignes sulfurées dès le commencement de l'invasion phylloxérique, par le docteur Crolas . . . Lyon, Georg; [etc., etc.] 1888.

2 p. 1., 92 p. 20 $\frac{1}{2}$ cm.

**Crozier, F. P.** Phylloxéra et sulfure du carbone; traité pratique et raisonné de la défense des vignes, par F.-P. Crozier . . . Paris, Librairie agricole de la maison rustique, 1884.

xi, 230 p. illus. 17cm.

**Cuboni, Giuseppe.** . . . Il problema fillosserico in Italia; prolusione al corso di patologia vegetale nella R. Università di Roma (xi gennaio MDCXCIX) Roma, Tipografia della Camera dei deputati, 1899.

14 p. 26cm.

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**Dahlen, H. W.** . . . Bericht über die gegen ende juli 1878 im auftrag des präsidiums des Deutschen weinbauvereins unternommene reise nach den phylloxerainfektionsheerden des cantons Neuchâtel . . . Heidelberg [1879]

4 p. 23<sup>cm</sup>.

Separat-abdruck aus den Annalen der oenologie. VIII. bd. 1/2 hft.

**Dahlen, H. W.** . . . Ueber das auftreten der Phylloxera vastatrix in Bollweiler (Oberelsass) und sich daran knüpfende mittheilungen bezüglich der behandlung inficirter stöcke zur erhaltung des sortimentes . . . Heidelberg [1877]

14 p. 22<sup>1</sup>/<sub>2</sub><sup>cm</sup>.

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**David, Georg.** Die wurzellaus des weinstockes (Phylloxera vastatrix) in allen ihren beziehungen gemeinverständlich dargestellt, von Dr. Georg David . . . Wiesbaden, Hof-buchhandlung von E. Rodrian, 1875.

Agr 4—3522

iv, 70 p. front. (fold. map) 4 pl. 18<sup>1</sup>/<sub>2</sub><sup>cm</sup>.

**Despeissis, A.** Phylloxera of the vine . . . [Sydney, 1895]

13-29 p. illus., col. pl. 24<sup>1</sup>/<sub>2</sub><sup>cm</sup>.

From the Agricultural gazette of New South Wales, vol. VI, 1895.

**Dillmann, C.** Die reblaus. (Phylloxera vastatrix) Von C. Dillmann . . . Reutlingen, E. Fehleisen, 1875.

55 p. illus. 17<sup>1</sup>/<sub>2</sub><sup>cm</sup>.

**Donnadieu, A. L.** Sur la ponte du phylloxéra pendant la saison d'hiver . . . [Paris, 1887]

3 p. 27<sup>cm</sup>.

From Comptes rendus . . . de l'Académie des sciences, tome 104, p. 483-485.

**Donnadieu, A. L.** Sur quelques points controversés de l'histoire du phylloxéra . . . [Paris, 1887]

4 p. 26<sup>cm</sup>.

From Comptes rendus . . . de l'Académie des sciences, tome 104, p. 836-839.

**Donnadieu, A. L.** Les véritables origines de la question phylloxérique, par A. L. Donnadieu . . . Paris, J.-B. Baillière et fils, 1887.

16 p. 24<sup>1</sup>/<sub>2</sub><sup>cm</sup>.

**Dreyfus, Ludwig Theodor.** Ueber phylloxerinen. Von Dr. Ludwig Dreyfus . . . Wiesbaden, J. F. Bergmann, 1889.

3 p. l., 88 p. 24<sup>cm</sup>.

**Duclaux, Pierre Émile.** Études sur la nouvelle maladie de la vigne dans le sud-est de la France, par M. Duclaux . . . Paris, Imprimerie nationale, 1874.

cover-title, III, 54 p. 9 maps. 28 × 22<sup>1</sup>/<sub>2</sub><sup>cm</sup>.

"Annexe. Juillet 1874." p. [53]-54, map.

Extrait des Mémoires présentés par divers savants à l'Académie des sciences [de l'Institut national de France. Tome XXII.—No. 6]

——— Annexe. Juillet 1875. [Paris, Imprimerie nationale, 1875]

2 p. map. 28 × 23<sup>cm</sup>.

——— Annexe. Septembre 1876. [Paris, Imprimerie nationale, 1876]

3 p. 2 fold. maps. 28 × 22<sup>cm</sup>.

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**Duclaux, Pierre Émile.** Rapport sur les études relatives au phylloxéra, présentées à l'Académie, par MM. Duclaux, Max. Cornu et L. Faucon . . . Paris, 1873.

13 p. 28 × 23<sup>cm</sup>.

Extrait du tome LXXVI des Comptes rendus . . . de l'Académie des sciences.

**Dumas, Jean Baptiste André.** . . . Communication relative à la destruction du phylloxéra . . . [Paris, 1874]

3 p. 28 × 22<sup>1</sup>/<sub>2</sub><sup>cm</sup>.

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**Dumas, Jean Baptiste André.** Études sur le phylloxéra et sur les sulfocarbonates . . . [Paris, 1876]

[5]-112 p. illus., fold. pl. 22½<sup>cm</sup>. ([Annales de chimie et de physique . 5. sér. tome VII. 1. ptie])

**Duponchel, Adolphe.** Le phylloxéra; guérison probable de la vigne par un traitement préventif physiologique et naturel, par A. Duponchel . . . Montpellier, C. Coulet, 1873.

30 p. 22<sup>cm</sup>.

**Espinouse, A.** Du phylloxéra; son traitement dans le midi, par le docteur A. Espinouse . . . Bordeaux, Férét et fils, 1874.

31 p. 21½<sup>cm</sup>.

Lu en séance à l'Association française pour l'avancement des sciences.

**Espitalier, Silvain.** Encore un moyen de salut pour les vignes phylloxérées; ensablement avec addition d'engrais; instructions pratiques pour l'emploi de ce procédé, par Silvain Espitalier . . . Montpellier, C. Coulet; [etc., etc.] 1874.

30 p. 22½<sup>cm</sup>.

**Fabre, A.** Comment on peut guérir les vignes malades et préserver celles qui ne sont pas encore attaquées, par M. A. Fabre . . . Montpellier, C. Coulet, 1876.

84 p. 22<sup>cm</sup>.

Agr 4—3531

**Fatio, Victor.** État de la question phylloxérique en Europe en 1877; rapport sur le Congrès phylloxérique international réuni à Lausanne du 6 au 18 août 1877, par le Dr. Victor Fatio : . . . Genève, Impr. Ramboz et Schuchardt, 1878.

123 p. VII maps (4 double) 25<sup>cm</sup>.

**Fatio, Victor.** Rapports sur le traitement des vignes de Pregny (république et canton de Genève) en vue de la destruction du phylloxéra, adressés à Monsieur le conseiller d'état, chargé du Département de l'intérieur du canton de Genève, par MM. V. Fatio et Demole-Ador . . . Genève, Impr. Ramboz et Schuchardt, 1875.

47, [1] p. col. pl., fold. plan. 23<sup>cm</sup>.

cover-title; Le phylloxéra dans le canton de Genève de mai à août 1875; rapports au Département de l'intérieur; observations faites à Pregny durant l'été 1875; traitement des vignes de Pregny en vue de la destruction du phylloxéra . . .

**Faucon, Louis.** . . . Note sur la possibilité d'appliquer la submersion de la vigne sur une vaste échelle pour combattre le phylloxéra. [Avignon, 1873]

7 p. 22<sup>cm</sup>.

Extrait du Messenger du midi du 31 janvier 1873.

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19 p. 23½<sup>cm</sup>.

Extrait du Messenger agricole.

**Faucon, Louis.** Notes sur la maladie des vignes dite du phylloxéra . . . Avignon, A. Chaillot, 1872.

105-144 p. 25<sup>cm</sup>.

**Faucon, Louis.** Le phylloxéra; submersion des vignes. [Montpellier, 1873]

6 p. 24<sup>cm</sup>.

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**Faucon, Louis.** . . . Le Phylloxera vastatrix; ce qu'il devient pendant l'hiver . . . Montpellier, 1873.

13 p. 24<sup>cm</sup>.

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3 p. 22<sup>cm</sup>.

Extrait du Bulletin de la Société d'agriculture & d'horticulture de Vaucluse, n° de février 1873.

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8 p. 23½<sup>cm</sup>.

Extrait du Messenger agricole.

[**Faucon, Louis**] Submersion des vignes atteintes du phylloxéra. [Avignon, Imp. Chaillot, 1873]

8 p. 21 $\frac{1}{4}$ cm.

Caption title.

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[69]—104 p. 25cm.

Extrait des journaux: Courrier du Gard, Messenger du midi, Journal d'agriculture pratique, L'Indicateur de Carpentras.

**Fischer, Ernst.** Das naphtalin in der heilkunde und in der landwirthschaft. Mit besonderer rücksicht auf seine verwendung zur vertilgung der reblaus, von Dr. med. Ernst Fischer . . . Strassburg, K. J. Trübner, 1883.

98 p. 24 $\frac{1}{2}$ cm.

**France—Département de l'Hérault—Commission départementale pour l'étude de la maladie de la vigne.** . . . Expériences faites dans la vigne sud du mas de Las Sorres, en 1873 et en 1874. Tableau se rapportant au traitement de 25 ceps par essai. Montpellier et Cette, Typographie et lithographie Boehm & fils [1874?]

cover-title, [4] p. plan. 26 $\frac{1}{2}$  × 36cm.

**France—Département de l'Hérault—Commission départementale pour l'étude de la maladie de la vigne.** Phylloxéra. Commission départementale de l'Hérault pour l'étude de la maladie de la vigne. Expériences faites à Las Sorres, près Montpellier; résultats pratiques de l'application des divers procédés présentés aux concours des prix de 20,000 et de 300,000 francs proposés par le gouvernement pour la conservation des vignes phylloxérées et leur reconstitution. Montpellier, Typographie de P. Grollier, 1877.

xxiv p., 1 l., 443 p. incl. tables. col. pl., vii fold. plans. 17 $\frac{1}{2}$ cm.

**France—Département de l'Hérault—Commission départementale pour l'étude de la maladie de la vigne.** . . . Le phylloxéra; submersion des vignes; visite de la Commission départementale de l'Hérault au domaine de M. Faucon, à Gravéson . . . Paris, G. Masson [1874?]

50 p., 1 l. 28cm.

**France—Département de l'Hérault—Commission départementale pour l'étude de la maladie de la vigne.** . . . Rapport de la Commission départementale de l'Hérault, instituée pour étudier la nouvelle maladie de la vigne connu sous le nom de pourri des racines, par Edmond Duffour . . . Montpellier, Typographie de P. Grollier, 1869.

24 p. 23cm.

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18 p. 22 $\frac{1}{2}$ cm.

At head of title: Commission départementale de l'Hérault, instituée pour l'étude de la maladie de la vigne caractérisée par le phylloxéra.

**France—Département de l'Hérault—Commission départementale pour l'étude de la maladie de la vigne.** . . . Résultats des divers procédés de guérison proposés à la commission pour combattre la nouvelle maladie de la vigne, qui ont été appliqués dans le domaine de Las-Sorres, près Montpellier, du 6 juillet 1872 au 29 août 1873. Montpellier, Typographie de P. Grollier, 1873.

69 p. 22 $\frac{1}{2}$ cm.

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**France**—*Département de la Dordogne*—*Commission centrale du phylloxéra*. . . . **Rapport** présenté au Conseil général de la Dordogne par M. le Dr H. Jaubert, président de la commission. (Août 1878.) Périgueux, Impr. J. Bounet, 1878.

1 p. l., 18 p. 27 x 21½<sup>cm</sup>.

At head of title: *Département de la Dordogne. Commission centrale du phylloxéra.*

"Index bibliographique": p. 16-18.

**France**—*Département de la Gironde*—*Commission départementale pour l'étude du phylloxéra*. Enquête publiée par la Commission départementale de la Gironde instituée par M. le préfet le 10 août 1872 pour l'étude du phylloxéra. Bordeaux, Typographie L. Coderc, 1874.

24 p. 27 x 21½<sup>cm</sup>.

**France**—*Ministère de l'agriculture et du commerce*—*Commission supérieure du phylloxéra*. Le phylloxéra. [Clichy, Impr. P. Dupont, 1877?]

90 p. 24½<sup>cm</sup>.

Caption title.

**Franceschini, Felice**. Alcune osservazioni intorno agli studi sulla fillossera della vite . . . Firenze, 1893.

10 p. 22½<sup>cm</sup>.

Estratto dagli Atti della R. Accademia dei georgofili, anno 1893, vol. xvi, dispensa 1.

— — Firenze, 1893.

10 p. 23<sup>cm</sup>.

Estratto dal *Bullettino della Società entomologica italiana*, anno xxv, trimestre I, 1893.

**Franceschini, Felice**. Influenza del terreno e del clima sull' azione e diffusione della fillossera . . . Roma, 1895.

23 p. 23<sup>cm</sup>.

Estratto dagli *Annali di agricoltura*, n. 205.

**Franceschini, Felice**. Notizie sulla fillossera della vite (*Phylloxera vastatrix*) . . . Milano, 1879.

28 p. II pl. 24<sup>cm</sup>.

From *Atti della Società italiana di scienze naturali*, vol. xxii, 1879, p. 95-118.

**Franceschini, Felice**. . . . *Studii sulla fillossera della vite; relazione a S. E. il ministro di agricoltura, industria e commercio* . . . Roma, 1892.

14 p. front. 23½<sup>cm</sup>.

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23 p. 23½<sup>cm</sup>.

Estratto dagli *Annali di agricoltura*, n. 201.

**Frauenfeld, Georg, ritter von**. *Phylloxera vastatrix* . . [Wien] 1872.

[567]-572 p. 22½<sup>cm</sup>.

From *Verhandlungen der K. K. Zoologisch-botanischen gesellschaft in Wien*, bd. xxii.

**Gastine, G.** *Traitement des vignes phylloxérées; emploi du sulfure de carbone contre le phylloxéra*, par G. Gastine & Georges Couanon<sup>e</sup>. . . publié avec la collaboration de L. Gastine . . . Paris, G. Masson; [etc., etc.] 1884. Agr 3—186

276 p. illus., fold. tab. 22½<sup>cm</sup>.

**Geneva, Switzerland (canton)**—*Commissaire cantonal*. Le phylloxéra dans le canton de Genève en 1888; rapport du Commissaire cantonal et rapport des experts pour les indemnités aux propriétaires. Genève, Imprimerie suisse, 1889.

48 p. 2 fold. tab. 22½<sup>cm</sup>.

**Gennadius, P. G.** . . . *Περὶ τῆς ἐν Γαλλίᾳ πορείας τῆς φυλλοξήρας κατὰ τὸ ληξάει ἔτος καὶ περὶ τῶν αἰτιῶν τῆς ὑποτιμῆσεως τῶν οἴνων καὶ τῶν σταφίδων, ὑπὸ Π. Γενναδίου* . . . *Ἐν Αθήναις, ἐκ τοῦ τυπογραφείου τοῦ Γκουργείου τῶν ἐσωτερικῶν*, 1884.

22 p. 22½<sup>cm</sup>.

On the progress in France of the phylloxera in the last year and on the causes of the depreciation of the wines and raisins, by P. Gennadius . . .

At head of title: *Πρὸς το Ὑπουργεῖον τῶν ἐσωτερικῶν*.

**Gennadius, P. G.** Φυλλόξερα ἡ φθοροποιός, ὑπὸ Π. Γενναδίου [Phylloxera vastatrix] . . . Ἀθήνησι, Τύποις ἐλληνικῆς ἀνεξαρτησίας, 1879.

77, [1] p., 1 l. illus. 17½<sup>cm</sup>.

**Girard, Maurice.** Indications générales sur les vignobles des Charentes, par M. Maurice Girard . . . Paris, Imprimerie nationale, 1876.

cover-title, 83 p. 3 double maps. 28 x 22½<sup>cm</sup>.

Extrait des Mémoires présentés par divers savants à l'Académie des sciences [de l'Institut national de France. Tome xxv, no. 4]

Caption title: . . . Études sur la maladie de la vigne dans les Charentes . . .

**Graells y de la Agüera, Mariano de la Paz.** Prontuario filoxérico, dedicado á los viticultores españoles y delegados oficiales . . . escrita conforme lo acordado y bajo los principios aceptados en los congresos internacional de Lausana y el español de Madrid, por el Ilmo. Sr. D. Mariano de la Paz Graells . . . Madrid, Establecimiento tipográfico de Segundo Martinez, 1879.

Agr 4—3541

61, [2] p. II col. pl. 22<sup>cm</sup>.

**Guercio, Giacomo del.** . . . Osservazioni sulla infezione fillosserica dell' isola d' Elba nell' estate del 1891. Memoria letta alla R. Accademia del georgofili nell' adunanza del di 7 febbraio 1892 . . . Firenze, 1892.

15 p. 23<sup>cm</sup>.

Estratto dagli Atti della R. Accademia dei georgofili, anno 1892, vol. xv, dispensa 2.

**Gueyraud, F.** . . . Résultats obtenus dans le traitement des vignes phylloxérées par les sulfocarbonates alcalins, appliqués au moyen du pal distributeur . . . [Paris, 1877]

697-700 p. illus. 18 x 23<sup>cm</sup>.

From Comptes rendus . . . de l'Académie des sciences . . . tome LXXXIV, no. 15.

**Haller G.** . . . Bericht über die von Herrn Dr. Blankenhorn in Karlsruhe veranstaltete sammlung aller an der rebe lebenden mikroskopischen tiere. Von Dr. G. Haller . . . Heidelberg, C. Winters' universitätsbuchhandlung [1880]

10 p. 23<sup>cm</sup>. (Mitteilungen des Önologischen instituts Karlsruhe—Blankenhornsberg, XLVII)

Separat-abdruck aus den Annalen der önologie, VIII. bd., 4. hft.

**Haller, Gottfried.** Die kleinen feinde der Phylloxera. Studie zu ehren des Congresses deutscher oenologen in Freiburg i / Br. . . . Heidelberg, 1878.

4 p. 1., 15, [1] p. fold. pl. 24<sup>cm</sup>.

"Aus den Annalen der oenologie, bd. VII, hft. 3, besonders abgedruckt."

**Hamm, Wilhelm, ritter von.** Die wurzellaus der rebe, Phylloxera vastatrix, ihr auftreten in Frankreich und Oesterreich. Beschrieben von Dr. Wilhelm ritter von Hamm . . . Wien, Faesy & Frick, 1875.

Agr 4—3548

32 p. 23½<sup>cm</sup>.

**Hilgard, Eugene Woldemar.** . . . Lecture on the phylloxera or grape vine louse, delivered before the State vinicultural association, at San Francisco, November 23d, 1875. By Eugene W. Hilgard . . . [Sacramento, 1876]

24 p. 22½<sup>cm</sup>. (Bulletin of the University of California, no. 23)

Caption title.

**Hilgard, Eugene Woldemar.** The phylloxera in California. By E. W. Hilgard. (U. S. Agriculture, Dept. of. Report on the climatic and agricultural features . . . of the arid regions of the Pacific slope . . . made . . . by E. W. Hilgard, T. C. Jones, and R. W. Furnas. [Report no. 20] Washington, 1882. p. 155-171. 23<sup>cm</sup>.)

**Hilgard, Eugene Woldemar.** The phylloxera or grapevine louse, and the remedies for its ravages. By Eugene W. Hilgard . . . [Sacramento, 1880]

25 p. illus. 22½<sup>cm</sup>. (Half-title: University of California, College of agriculture. Supplement, no. 1, to the Report of the Board of regents)

Caption title.

"Revision of 'A lecture on the phylloxera or grapevine louse, delivered before the State vinicultural association, at San Francisco, November twenty-third, eighteen hundred and seventy-five.'"

**Huit jours à Turin; de congressu phylloxerico et quibusdam aliis . . .** [Montpellier] 1884.

20 p. 19½<sup>cm</sup>.

"Extrait du Journal de la viticulture latine."

**Hungary**—*K. Ungarische ministerium für ackerbau, industrie und handel*. . . . Deutscher text des ungarischen gesetzartikels xv ex 1882, betreffend die inartikulierung der in betreff der gegen die phylloxera zu engreifenden massregeln in Bern am 3. november 1881. zu stande gekommenen internationalen phylloxera-convention; der betreffs der durchführung dieses gesetzes von dem K. Ung. Ministerium für ackerbau, industrie und handel, sowie vom K. Ung. Finanzministerium am 12. juli 1882 sub z. 8461 gemeinsam erlassenen verordnung; und des gesetzartikels xvii ex 1883, über die gegen die ausbreitung der Phylloxera vastatrix vorzunehmenden schutzmassregeln. (Hrsg. vom K. Ung. Ministerium für ackerbau, industrie und handel) Budapest, Pesti könyvnyomda-részvénytársaság, 1883.

24 p. 22½<sup>cm</sup>.

Added title in Hungarian; text in German.

**Hungary**—*Magyar kir. állami rovtartani állomás*. Utmutatás a filloxerás szőlőknek szénkéneggel való gyérítő kezelésére . . . Budapest, 1890.

12 p. illus. 23<sup>cm</sup>. (A M. K. állami rovtartani állomás közleményei. i. kötet, 3. füzet)

**Hungary**—*Magyar kir. állami rovtartani állomás*. Vezérfonal a filloxerás szőlőknek szénkéneggel való gyérítő kezelésére . . Budapest, 1891.

31, [1] p., 1 l. illus. 23<sup>cm</sup>. (A M. K. állami rovtartani állomás közleményei. i. kötet, 6 füzet)

**Hungary**.—*Station phylloxérique hongroise*. Rapport annuel de la Station phylloxérique hongroise. Par le Dr. G. de Horváth . . 1. année, 1881 . . Budapest, Société d'imprimerie par actions de Pest, 1882.

27 p. 28½ x 22<sup>cm</sup>.

Extrait du Rapport hongrois adressé à M. le ministre de l'agriculture, de l'industrie et du commerce de Hongrie.

**Italy**—*Ministero di agricoltura, industria e commercio*—*Direzione generale dell' agricoltura*. . . . Relazione sui provvedimenti contro la fillossera adottati in Italia ed all' estero presentata alla Camera dei deputati dal ministro di agricoltura, industria e commercio (Berti) nella tornata del 29 febbraio 1884. Roma, Tipografia della Camera dei deputati, 1884.

1 p. l., 531 p. incl. tables (partly fold.) 29<sup>cm</sup>.

"Elenco delle pubblicazioni sulla fillossera fatte dal ministero di agricoltura (Direzione generale dell' agricoltura)," p. 529-530.

— nella seduta del 30 maggio 1885. Roma, Tipografia della Camera dei deputati, 1885.

85 p. incl. tables (partly fold.) 29<sup>cm</sup>.

**Jaubert, J. B.** Sur le mode d'emploi des sulfocarbonates . . [Paris, 1876]

[11]-13 p. 28 x 22½<sup>cm</sup>.

"Extrait des Comptes rendus . . . de l'Académie des sciences . . . (Séances des 2 novembre 1875 et 3 juillet 1876)"

**Jaussan, Louis**. De l'emploi rationnel du sulfure de carbone dans le traitement des vignes phylloxérées . . . Montpellier, 1879.

19 p. 23½<sup>cm</sup>.

"Extrait du Messenger agricole du midi, 10 janvier 1879."

**Johnston, W. E.** The phylloxera and condition of the vineyards in France. Report of the proceedings of the International phylloxera congress, held at Bordeaux from October 10 to 15, 1881, by Dr. Johnston, Consul Roosevelt . . and consular agent Smith . . Washington, 1882.

628-640 p. 23<sup>cm</sup>.

From the U. S. consular reports, vol. iv, no. 14, December, 1881.

**Joly, Charles**. Congrès international phylloxérique de la Gironde. [Orléans, Imp. G. Jacob, 1881?]

[2] p. 27½<sup>cm</sup>.

Caption title.

**Juge, Charles.** Notice sur l'emploi des terres de la Solfatarre de Pozzuoli comme engrais & insecticide . . . Paris, Au siège de la Société des terres de la Solfatarre de Pozzuoli, 1874.

14 p. 21 $\frac{1}{2}$ cm.

**Karel, John.** American vines in Russia. [St. Petersburg, 1895]

21. 23cm.

**Kessler, Hermann Friedrich.** Die ausbreitung der reblauskrankheit in Deutschland und deren bekämpfung unter benutzung von amtlichen schriftstücken beleuchtet, von professor Dr. H. F. Kessler . . . Berlin, R. Friedländer & sohn, 1892.

Agr 4—3552

2 p. l., 50 p. 23 $\frac{1}{2}$ cm.

**Kessler, Hermann Friedrich.** Erörterungen über die reblaus, Phylloxera vastatrix Planchon, von professor Dr. H. F. Kessler . . . Cassel, F. Kessler, 1889.

Agr 4—3553

28 p. 22 $\frac{1}{2}$ cm.

**Kessler, Hermann Friedrich.** Richtigstellungen und entgegnungen, betreffend beobachtungen und untersuchungen über die reblaus, Phylloxera vastatrix Planchon und die blutlaus, Schizoneura lanigera Hausmann. Von professor Dr. H. F. Kessler. Cassel, F. Kessler, 1890.

Agr 4—3554

37 [1] p. 22cm.

**Kessler, Hermann Friedrich.** . . . Ueber die verwandlung der ungeflügelten rebläuse in geflügelte . . . Jena, 1889.

[301]—313 p. 24 $\frac{1}{2}$ cm.

From Centralblatt für bakteriologie und parasitenkunde. v. bd., no. 9.

**Kessler, Hermann Friedrich.** Weitere beobachtungen und untersuchungen über die reblaus, Phylloxera vastatrix Planchon von Dr. H. F. Kessler . . . Cassel, F. Kessler, 1888.

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**Korf, baron.** Отчетъ генераль-адютанта барона Корфа о дѣятельности по уничтоженію филлоксеры въ Крыму со времени ея открытія въ октябрѣ 1880 года по 1 сентября 1881 года. Съ приложеніями и тремя картами филлоксерныхъ зараженій во Франціи, Швейцаріи и въ Крыму. С.-Петербургъ, 1882.

2 p. l., 158 p., 11. 3 fold. maps. 26cm.

Report on the destruction of phylloxera in the Crimea.

**Lafitte, Prosper de.** Discours sur le phylloxéra, par M. Prosper de Lafitte. Agen, Impr. V. Lenthéric, 1878.

Agr 4—3561

119, [1] p. 22cm.

**Lafitte, Prosper de.** Essai sur la destruction de l'œuf d'hiver du phylloxéra de la vigne, par M. Prosper de Lafitte . . . Agen, Impr. V. Lenthéric, 1879.

Agr 4—3562

68 p. 22cm.

**Lafitte, Prosper de.** Quatre ans de lutttes pour nos vignes et nos vins de France; mémoires, opuscules et articles, par Prosper de Lafitte . . . Paris, G. Masson; [etc., etc.] 1883.

2 p. l., xiii p., 1 l., 596 p. front. (port.) 25 $\frac{1}{2}$ cm.

**Laliman, E.** À messieurs les viticulteurs, messieurs les membres de la classe 75 à l'Exposition universelle. [Bordeaux, V° Cadoret, impr., 1878]

8 p. 24cm.

**Laliman, Léopold.** Étude sur les divers phylloxéra et leurs médications; coup d'œil sur certaines vignes exotiques indemnes aux piqûres du phylloxéra. La coulure sur certains cépages. Situation économique de la viticulture . . . [Paris, 1871]

151—228 p. pl. 22cm.

From Annales de la Société d'agriculture du département de la Gironde. xxvi. année.

**Laliman, Léopold.** Études sur les divers travaux phylloxériques et les vignes américaines, notamment sur les études faites en Espagne par Don Miret y Tarral . . . par L. Laliman L. . . Paris, Librairie agricole; [etc., etc.] 1879-80.

197 p. 25<sup>cm</sup>.

**La Loyère, vicomte de.** Du phylloxéra en 1880; méthode rationnelle de préservation de la vigne par la culture intensive et l'insecticide persistant . . . [Paris] 1880.

24 p. 23<sup>cm</sup>.

Extrait du Journal d'agriculture pratique.

**La Vergne, Louis Gabriel Léonce Guilhaud, comte de.** Instruction pratique pour la préservation des vignes contre le phylloxéra . . . Bordeaux, 1874.

23 p. 21<sup>cm</sup>.

Extrait du Journal d'agriculture et d'horticulture de la Gironde des 10 décembre et 10 janvier derniers.

**La Vergne, Louis Gabriel Léonce Guilhaud, comte de.** Maladie nouvelle de la vigne; rapport fait à la Société d'agriculture de la Gironde au nom de la Commission permanente des vignes . . . Bordeaux, 1869.

16 p. 21<sup>cm</sup>.

"Extrait des Annales de la Société d'agriculture de la Gironde."

**Le Hardy de Beaulieu, Camille.** Le phylloxéra et les vignes américaines . . . Montpellier, 1874.

19 p. 22<sup>cm</sup>.

"Extrait du Bulletin de la Société centrale d'agriculture de l'Hérault."

**Lesparre, duc de.** Phylloxera et plants américains; conférence sur les plants américains et sur la création d'une pépinière faite à La Gidonière, commune de L'Homme (déc. 1892) par le duc de Lesparre. Le Mans, Typographie E. Monnoyer, 1893.

Agr 4—1893

2 p. l., 158 p., 1 l. illus. 18½<sup>cm</sup>.

Slip pasted over imprint reads: Paris, Librairie agricole de la maison rustique.

**Lichtenstein, Jules i. e. Wilhelm Auguste Jules.** Les cépages américains classés et annotés d'après les auteurs des États-Unis, offert à ses collègues des diverses sociétés dont il fait partie . . . Montpellier, 1874.

7 p. 24<sup>cm</sup>.

"Extrait du Messenger agricole du 10 juillet 1874."

**Lichtenstein, Jules i. e. Wilhelm Auguste Jules.** Histoire du phylloxéra, précédée de considérations générales sur les pucerons et suivie de la liste des personnes qui se sont occupées de la question phylloxéra, par J. Lichtenstein . . . Montpellier, C. Coulet; [etc., etc.] 1878.

Agr 4—3566

x, [11]-39 p. v pl. (3 col.) 25<sup>cm</sup>.

**Lichtenstein, Jules i. e. Wilhelm Auguste Jules.** Notes pour servir à l'histoire des insectes du genre phylloxéra . . . Paris, 1876-77.

2 pts. 24<sup>cm</sup>.

Extrait des Annales agronomiques.—tome II, n° 1; tome III, n° 1.

**Lichtenstein, Jules i. e. Wilhelm Auguste Jules.** . . . Le phylloxéra. Comment un roman peut devenir de l'histoire . . . [Béziers, 1880]

5 p. 24½<sup>cm</sup>.

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**L'Isle, Thiollière de.** Traitement de vignes phylloxérées au Coteau de l'Ermitage, Drôme. Lyon, Impr. Pitrat aîné, 1879.

25 p. 25<sup>cm</sup>.

**Loubet, L.** . . . Lettre . . . à M. le marquis de l'Espine . . . sur la maladie de la vigne. [Avignon, Impr. d'A. Chaillot, 1815]

[81]-96 p. 22<sup>cm</sup>.

Extrait du Bulletin de la Société d'agriculture et d'horticulture de Vaucluse. (N° de mars 1872)

**Mandon, J. A.** Traitement anti-phylloxérique par l'absorption de l'eau phénolée, système déposé et breveté s. g. d. g. Mémoire présenté à l'Institut, par le Dr. J.-A. Mandon . . . Limoges, E. Charles, 1883.

16, [1] p. 26 x 21½<sup>cm</sup>.

**Marès, Henri Pierre Louis.** Phylloxéra. Des moyens pratiques de combattre la maladie de la vigne. Progrès de la maladie de la vigne pendant l'hiver; par M. Henri Marès . . . Montpellier, C. Coulet; [etc., etc.] 1874.  
11 p. 21 $\frac{1}{2}$ cm.

**Marion, Antoine Fortuné.** . . . Application du sulfure de carbone au traitement des vignes phylloxérées. [2.-]4. année. Rapport sur les travaux de l'année [1877-] 1879 et sur les résultats obtenus, par M. A.-F. Marion . . . Paris, Société d'imprimerie et librairie administratives et des chemins de fer, P. Dupont, 1878-80. 3 nos. illus., col. pl., plans, tables, 2 fold. diagr. 27cm.  
At head of title: Compagnie des chemins de fer de Paris à Lyon et à la Méditerranée.  
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1878, title reads: . . . Application du sulfure de carbone au traitement des vignes phylloxérées, Campagne de 1878. Rapport sur les expériences et les applications réalisées et sur les résultats obtenus, par M. A.-F. Marion . . .

**Marion, Antoine Fortuné.** Expériences relatives à la destruction du phylloxéra . . . [Paris, 1876]  
[25]-27 p. 28 x 22 $\frac{1}{2}$ cm.  
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**Mazaroz, J. P.** Conclusion générale sur la destruction du phylloxéra de la vigne; procédé J.-P. Mazaroz . . . Nouvelles lettres. 2. éd. (rev. et cor.) Paris, Imprimerie centrale des chemins de fer, A. Chaix et c<sup>ie</sup>, 1879.  
cover-title, [101]-162 p. 20 $\frac{1}{2}$ cm.

**Mazaroz, J. P.** Destruction du phylloxéra de la vigne par l'hygiène naturelle ainsi que par la culture de la vigne basée sur les engrais insecticides et reconstitutifs; mémoire adressé conformément à la loi des 22-26 juillet 1874 à M. le ministre de l'agriculture et du commerce; à MM. les sénateurs et députés membres des commissions parlementaires du phylloxéra, ainsi qu'à MM. les membres des conseils municipaux des communes et cantons vignobles de France, des cercles d'agriculture et des chambres de commerce, par J.-P. Mazaroz. 2. éd. rev., cor. et augm. Paris, G. Baillièrre et c<sup>ie</sup>, 1879.  
104 p., 1 l. 21 $\frac{1}{2}$ cm.

**Mazaroz, J. P.** Mémoire sur la destruction du phylloxéra de la vigne par l'hygiène naturelle ainsi que par la culture de la vigne, basée sur les engrais insecticides et reconstitutifs, adressé conformément à la loi des 22-26 juillet 1874 à M. le ministre de l'agriculture et du commerce; à MM. les sénateurs et députés membres des commissions parlementaires du phylloxéra, ainsi qu'à MM. les membres des conseils municipaux des communes et cantons vignobles de France, des cercles d'agriculture et des chambres de commerce. Paris, G. Baillièrre et c<sup>ie</sup>, 1879.  
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**Mazaroz, J. P.** Le plus grand péril public du moment est représenté par le phylloxéra et ses causes; danger du sulfure de carbone; efficacité des engrais minéraux mélangés; moyens précis de leur emploi, par J.-P. Mazaroz. Paris, Auteur, 1879.  
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**Millardet, Alexis i. e., Pierre Marie Alexis.** Étude des altérations produites par le phylloxéra sur les racines de vigne, par A. Millardet . . . Bordeaux, Feret; [etc., etc.] 1898.  
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**Millardet, Alexis i. e., Pierre Marie Alexis.** Études sur les vignes d'origine américaine qui résistent aux phylloxéra, par M. A. Millardet . . . Paris, Imprimerie nationale, 1876.  
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**Monestier, Charles.** Procédé Ch. Monestier. Expériences faites par MM. Lautaud, d'Ortoman, Monestier. Destruction du phylloxéra par les gaz, par M. Ch. Monestier. Montpellier, C. Coulet, 1873.

45 p. 15<sup>cm</sup>.

**Monnier, Denis.** Le phylloxéra dans le canton de Genève d'août 1877 à février 1878; rapports au Département de l'intérieur, par MM. D. Monnier et E. Covelle.

Genève [etc.] H. Georg, 1878.

36 p. front. (fold. plan) 21 $\frac{1}{2}$ <sup>cm</sup>.

**Monnier, Denis.** . . . Rapport sur le traitement des vignes phylloxérées en Suisse par les procédés de M. Denis Monnier. [Paris, 1878]

8 p. 27<sup>cm</sup>.

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**Morgan, Albert Charles Frederick.** The winged-phylloxera in Portugal . . . [n. p., 1886]

83-86 p. 27 x 21 $\frac{1}{2}$ <sup>cm</sup>.

From Ridley & co.'s monthly wine & spirit trade circular, Feb. 12, 1886.

**Mouillefert, Pierre.** État actuel des vignes soumises au traitement du sulfocarbonate de potassium depuis l'année dernière . . . [Paris, 1876]

[14]-18 p. 28 x 22 $\frac{1}{2}$ <sup>cm</sup>.

"Extrait des Comptes rendus de l'Académie des sciences . . . (Séances des 2 novembre 1875 et 3 juillet 1876)"

**Mouillefert, Pierre.** Nouvelles expériences effectuées avec les sulfocarbonates alcalins pour la destruction du phylloxéra; manière de les employer . . . [Paris, 1874]

4-7 p. 28 x 22 $\frac{1}{2}$ <sup>cm</sup>.

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**Mouillefert, Pierre.** . . . Reconstitution du vignoble français par le sulfocarbonate de potassium . . . [Paris, 1877]

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**Mouillefert, Pierre.** Résultats obtenus à Cognac avec les sulfocarbonates de sodium et de baryum appliqués aux vignes phylloxérées . . . [Paris, 1876]

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**Mouillefert, Pierre.** Traitement des vignes phylloxérées par le sulfocarbonate de potassium; rapport sur les applications en grande culture effectuées en 1878 avec les procédés mécaniques de MM. P. Mouillefert et Félix Hembert, par P. Mouillefert . . . Paris, Librairie agricole, 1878.

32 p. 21 $\frac{1}{2}$ <sup>cm</sup>.

**Nessler, Julius.** Die rebwurzellaus, ihr vorkommen bei Genf und in Südfrankreich, ihr etwaiges auftreten auch in Deutschland und die mittel sie zu bekämpfen. Bericht an Grossherzogl. bad. handels-ministerium, erstattet von Prof. Dr. J. Nessler . . . Stuttgart. E. Ulmer, 1875.

28 p. 22<sup>cm</sup>.

**New South Wales—Legislative council—Select committee on the vine diseases bill.** . . . Report from the Select committee on the vine diseases bill; together with the

proceedings of the committee, minutes of evidence, and appendix . . . Sydney, T. Richards, government printer, 1886.

37 p. 32 $\frac{1}{2}$ cm.

**New Zealand**—*Dept. of agriculture*. Phylloxera and other diseases of the grapevine. Correspondence and extracts reprinted for public information. Comp. in the Department of agriculture. Wellington, G. Didsbury, government printer, 1891.  
3 p. 1., 130 p. 21cm.

**Nicoleano, G. N.** . . . La lutte contre le phylloxéra en Roumanie; compte rendu des travaux depuis le commencement jusqu' en 1898, par G. N. Nicoleano . . . Bucarest, Imprimerie "Dreptatea," 1900.

1 p. 1., ii, 169, [2] p., 1 l. illus. (incl. diagrs.) fold. map. 25 $\frac{1}{2}$ cm.

At head of title: Royaume de Roumanie. Exposition universelle 1900. Paris. Ministère de l'agriculture, du commerce, de l'industrie et des domaines. Service viticole.

**Pagès, Basile.** La vigne française à racines volantes malgré le phylloxéra. Exposé fait à la séance de la Société centrale d'agriculture de l'Hérault le 5 janvier 1880, suivi d'autres considérations sur l'insecte dévastateur et de la culture du Jacques en provins circulaires à demeure autour de la souche mère, par Basile Pagès . . . 4. éd. Béziers, Imprimerie générale, Granié et Malinas, 1884. Agr 4—3580

44 p. 4 pl. 21cm.

**Paris, Académie des sciences.** . . . Observations sur le phylloxéra et sur les parasites de la vigne, etc. . . . Paris, 1881.

2 p. 1., [183]—184, 100 p. 28 $\frac{1}{2}$  x 23cm.

Extraits des Comptes rendus . . . de l'Académie des sciences, t. xci et xciii, 1880 et 1881.

**Paris, Académie des sciences**—*Commission du phylloxéra.* . . . Avis sur les mesures à prendre pour s'opposer à l'extension des ravages du phylloxéra. Paris, Gauthier-Villars, 1877.

11 p. 28 $\frac{1}{2}$  x 23cm.

At head of title: Institut de France. Académie des sciences. Commission du phylloxéra.

**Paris, Académie des sciences**—*Commission du phylloxéra.* . . . Commission du phylloxéra, Séance du 3 décembre 1874 . . . Paris, Gauthier-Villars, 1875.

cover-title, 50 p., 1 l. 28 $\frac{1}{2}$  x 22 $\frac{1}{2}$ cm.

At head of title: Institut de France. Académie des sciences.

CONTENTS.—Exposé de la situation de la question à l'ordre du jour, par M. le président.—Observations sur la reproduction du phylloxéra de la vigne, par M. Balbiani.—Résumé des observations faites par M. M. Cornu.—Analyse chimique des diverses parties de la vigne saine et de la vigne phylloxérée, par M. Boutin aîné.—Note sur les vignes américaines qui résistent au phylloxéra, par M. Millardet.—Note sur les vins faits avec des cépages américains, par M. Pasteur.—Observations de M. Maurice Girard.—Note sur le traitement des vignes phylloxérées par le goudron de houille, par M. Alph. Rommier.—Résumé des expériences faites à la station viticole de Cognac dans le but de combattre le phylloxéra, par M. Mouillefert.—Application des sulfocarbonates alcalins à la guérison de la vigne; par M. Mouillefert.—Note sur les sulfocarbonates, par M. Dumas.

**Paris, Académie des sciences**—*Commission du phylloxéra.* . . . Instruction pratique sur les moyens à employer pour combattre le phylloxéra, et spécialement pendant l'hiver. Paris, Gauthier-Villars, 1876.

cover-title, 8 p. 28 x 22cm.

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**Paris, Académie des sciences**—*Commission du phylloxéra.* Rapport adressé à M. le ministre de l'agriculture et du commerce, par la commission instituée pour l'étude de la nouvelle maladie de la vigne. [Paris, Imprimerie nationale, 1871]

10 p. illus. 26cm.

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8 p. 27 $\frac{1}{2}$  x 22 $\frac{1}{2}$ cm.

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1 p. l., 16 p. 28 x 23<sup>cm</sup>.

At head of title: Institut de France. Académie des sciences.

**Peixotto, Benjamin Franklin.** Ravages of the phylloxera in France. Report by Consul Peixotto . . . on the ravages of the phylloxera in France, and on the several methods for its destruction. [Washington, 1882]

11-16 p. 23<sup>cm</sup>.

From the U. S. consular reports, vol VIII, no. 25, November, 1882.

**Pérez, Jean** . . . Instruction élémentaire sur le phylloxéra, par. M. Pérez . . . Bordeaux, Féret et fils, 1874.

20 p. 21½<sup>cm</sup>.

At head of title: Association française pour l'avancement des sciences. Groupe régional girondin.

**Perroncito, Edoardo.** Studi preliminari per combattere la fillossera ed altri insetti nocivi; esperienze fatte coll' acido fenico, col timolo, colla creolina, col solfo di carbonio, col solfo-carbonato e xantogenato di potassa. Nota 1. Torino, 1893.

27 p. 24<sup>cm</sup>.

"Estratto dagli Annali della R. Accademia d'agric. di Torino, vol. xxxvi. Adunanza del 28 maggio 1893."

**Petit, Louis.** Le phylloxéra; régénération de la vigne à l'aide d'un coaltar spécial, par M. Louis Petit. . . Nîmes, L. Bedot, 1874.

Agr 4-3583

69 p. fold. pl. 18½<sup>cm</sup>.

Le **phylloxéra** dans le canton de Neuchâtel, de juillet 1877 à mai 1878. Rapports et documents officiels divers. . . Neuchâtel, 1878.

118 p. vi col. pl. (incl. v fold. plans) 24<sup>cm</sup>.

**Pierre, Édouard.** L'oxyde de fer et le phylloxéra. Paris, Société anonyme d'imprimerie et librairie administratives et des chemins de fer, 1880.

10 p., 1 l. 27 x 21<sup>cm</sup>.

**Planchon, Jules Émile.** Conseils sur le traitement des vignes atteintes du phylloxéra, par MM. J.-É. Planchon et J. Lichtenstein . . . [Montpellier, 1871]

15 p. 22½<sup>cm</sup>.

Article extrait du *Messenger du midi*, N° du 30 juillet 1871.

"Note additionnelle (écrite en décembre 1871)": p. 14-15.

**Planchon, Jules Émile.** La défense contre le phylloxéra. Origine de cet insecte; son extension en Europe; moyens d'en prévenir, d'en combattre on d'en atténuer les ravages . . . [Paris, 1875]

74-97 p. 24½<sup>cm</sup>.

From *Annales agronomiques*, v. 1.

**Planchon, Jules Émile.** Des modes d'invasion des vignobles par le phylloxéra, par J.-É. Planchon et J. Lichtenstein . . . Montpellier, 1869.

8 p. 24½<sup>cm</sup>.

Extrait du *Messenger du midi* (25 août 1869) et du *Messenger agricole du midi* (5 septembre 1869)

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16 p. 18<sup>cm</sup>.

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7 p. 23<sup>1</sup>/<sub>4</sub><sup>cm</sup>.

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**Portugal—Comissão central anti-phylloxerica do sul do reino.** . . . [Relatorio] n° [1], 3; anno de 1882, 1884. Lisboa, 1883-85.

2 nos. maps. 30<sup>cm</sup>.

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**Portugal—Comissão de estudo e tratamento das vinhas do Douro.** . . . Relatorio da comissão de estudo e tratamento das vinhas do Douro, por Manuel Paulino de Oliveira. Lisboa, Imprensa nacional, 1880.

88 p., 11. fold. map. 30<sup>cm</sup>.

(Ministerio das obras publicas, commercio e industria. Collecção de documentos officiaes, memorias e noticias ácerca da agricultura. Publicação official. No. 1)

**Portugal**—*Ministerio das obras publicas, commercio e industria.*—*Direcção geral de agricultura.* . . . Relatorio dos serviços anti-phyloxericos em 1887 na circumscricção do norte apresentado á Direcção geral de agricultura por Manuel Rodrigues Gondim, inspector de agricultura. Lisboa, Imprensa nacional, 1889.  
cover-title, 83 p. fold.col.maps. 33<sup>cm</sup>.

. . . **Prime** notizie intorno alla fillossera delle viti e alle viti americane ad uso degli agricoltori. 2.-3. discorso . . . Firenze, Tipografia della Pia Casa di Patronato, 1888.

2 pts. illus. 20½<sup>cm</sup>. (2.-3. supplemento all' Agricoltura pratica, anno VII)

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**Raynal, A. L.** Du refolement progressif du phylloxéra en France jusqu'à son anéantissement et de la reconstitution de nos vignobles en cépages français, par A.-L. Raynal . . . Poitiers, Blanchier [etc.] 1879. Agr 4—3591

2 p. l., 81 p., 1 l. 23<sup>cm</sup>.

**Reblaus-gesetze.** Sammlung der im Königreich Preussen geltenden reichs- und landesgesetzlichen vorschritten und sonstigen anordnungen zur verhütung der einschleppung und weiterverbreitung der reblaus, sowie zur bekämpfung derselben. Im amtlichen auftrage zusammengestellt. Abgeschlossen im Oktober, 1889. Berlin, P. Parey, 1890. Agr 4—223

1 p. l., 117 p. 19<sup>cm</sup>.

**Rexès, F. G.** Le phylloxéra détruit et la vigne régénérée par l'emploi rationnel de la potasse, dont l'action, comme insecticide et comme engrais, est démontrée expérimentalement et par voie de déductions scientifiques d'à priori. Par F.-G. Rexès . . . Montdidier, Impr. administrative A. Radenez, 1876.

1 p. l., 31 p. 21<sup>cm</sup>.

— Post-face de la brochure: Le phylloxéra détruit et la vigne régénérée de F.-G. Rexès . . . [Angoulême, Impr. F. Lugeol et cie., 1876]

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**Riley, Charles Valentine.** . . . Insectes nuisibles à la vigne (le puceron de la vigne—*Phylloxera vitifoliae* Fitch.) . . . (Traduction de M. J. Lichtenstein) [Montpellier, 1871]

341-351 p. 22½<sup>cm</sup>.

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**Riley, Charles Valentine.** Insects injurious to the grape-vine. The grape phylloxera—*Phylloxera vastatrix* Planchon. [Jefferson City, 1874]

30-87 p. illus. 23<sup>cm</sup>.

From the Sixth annual report on the noxious, beneficial and other insects of the state of Missouri.

**Riley, Charles Valentine.** Notes on the natural history of the grape phylloxera (*Phylloxera vastatrix* Planchon) . . . [St. Louis, 1878]

281-287 p. illus. 23<sup>cm</sup>.

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**Riley, Charles Valentine.** Ueber dem weinstock schädliche insekten. Die rebenphylloxera. *Phylloxera vastatrix* Planchon. (Unterordnung Homoptera, familie Aphididae) Von C. V. Riley. Vom verfasser autorisirte uebertragung . . . Heidelberg, C. Winter's universitätsbuchhandlung, 1878. Agr 4—3596

77 p. 2 fold. pl. 23½<sup>cm</sup>.

Im auftrage des Dr. Ad. Blankenhorn für die "Annalen der oenologie" übersetzt durch Herrn Dr. Fr. Röder . . .

**Ritter, Carl.** Die entwicklungsgeschichte der reblaus, deren verbreitung und bekämpfung, von C. Ritter . . . 2. verb. und erweiterte aufl. . . . Neuwied [etc.] Heusers verlag (L. Heuser) 1893. Agr 4—1772

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**Roesler, Leonhard.** Istruzione popolare sulla Phylloxera vastatrix del Prof. Dr. L. Roesler; traduzione libera dal tedesco, fatta col consenso dell' autore, dal Dott. Alberto Levi . . . Udine, Tipografia di G. Seitz, 1875.

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pt. I-III. illus. 40<sup>cm</sup>.

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**Rohart, François Ferdinand.** Destruction pratique du phylloxéra . . . par F. Rohart . . . Paris, Typographie et lithographie de A. Michels, 1875.

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160 p. illus. 18<sup>cm</sup>.

**Rommier, Alphonse.** Mémoires et notes divers sur le phylloxéra, par Alph. Rommier . . . Paris, Impr. de E. Donnaud, 1877.

cover-title, 1 p. l., [46] p. 22<sup>cm</sup>.

Various paging.

**Rommier, Alphonse.** Nouvelles notes sur le phylloxéra, 1877, par A. Rommier. Paris, Impr. de E. Donnaud [1879?]

1 p. l., 7, 6 p. 22<sup>cm</sup>.

At head of caption title: Société des agriculteurs de France.

CONTENTS:—Le phylloxéra dans le Maconnais pendant l'année 1877.—Sulfure de carbone et phylloxéra, travaux ordonnés par la Compagnie du chemin de fer de Paris-Lyon-Méditerranée; analyse du rapport de M. Catta communiqué au Congrès phylloxérique international de Lausanne.

**Sabaté, J.** Destruction du phylloxéra; les opérations nécessaires, par J. Sabaté . . . Paris, Impr. E. Donnaud, 1877.

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**Sabaté, J.** . . . Traitement des vignes phylloxérées. [Paris, 1882]

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**Sahut, Félix.** La défense du vin et la découverte du phylloxéra; discours prononcé à la salle des concerts du Grand-théâtre de Montpellier le mercredi, 4 avril 1900, par Félix Sahut . . . [Montpellier, Chez l'auteur, etc.] 1900.

36 p. 24<sup>cm</sup>.

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3 p. 28<sup>cm</sup> x 22<sup>cm</sup>.

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**Stoffel, Michel.** . . . Rapport sur la maladie de la vigne, par M. Michel Stoffel . . . Montpellier [Imp. Ricard frères] 1873.

13 p. 20<sup>cm</sup>.

**Switzerland—Département fédéral du commerce, de l'industrie et de l'agriculture.** Le phylloxéra en Suisse durant l'année 1880-1881. Rapport du Département fédéral du commerce et de l'agriculture. Berne et Neuchâtel, 1881-82.

2 nos. maps. 23-24<sup>cm</sup>.

**Targioni Tozzetti, Adolfo.** . . . Delle più recenti infezioni fillosseriche della Germania e dell' impiego dei metodi curativi e delle viti americane in alcune provincie francesi . . . Firenze [1886]

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39 p. illus., col. pl. 22 $\frac{1}{2}$ cm. (*Annali di agricoltura*, 1879. Num. 11)

**Taverner, J. W.** . . . Report on phylloxera by the Hon. J. W. Taverner . . . Presented to both Houses of Parliament by His Excellency's command . . . Melbourne, R. S. Brain, government printer, 1899.

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**Tisserand, Eugène.** Rapport sur les travaux administratifs entrepris contre le phylloxéra et sur la situation du vignoble français pendant l'année 1885, par M. Tisserand . . . Paris, Imprimerie nationale, 1886.

14 p. 24 $\frac{1}{2}$ cm.

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16 p. 20cm.

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**Vernière, P.** . . . Le sulfure de calcium, remède curatif et préventif contre le phylloxéra; exposé théorique de la question et conseils pratiques aux agriculteurs . . . Montpellier, C. Coulet, 1874.

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**Vialla, Louis.** Le phylloxéra et la nouvelle maladie de la vigne; étude comprenant: 1. Le rapport de la commission nommée par la Société des agriculteurs de France pour étudier la nouvelle maladie de la vigne, par M. L. Vialla. 2. Des notes entomologiques sur le *Phylloxera vastatrix*, pour faire suite au Rapport de M. Vialla, par MM. J.-É. Planchon et J. Lichtenstein . . . Montpellier, C. Coulet; [etc., etc.] 1869.

2 p. l., 84 p. illus, 22 $\frac{1}{2}$ cm,

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cover-title, 21 p. plates. 21<sup>cm</sup>.

**Wasmann, Eric.** . . . Die reblaus. [n. p., 1895]

34 p. 22<sup>1</sup>/<sub>2</sub><sup>cm</sup>.

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**Wheeler, John H.** . . . Investigation du phylloxéra en Californie, par John H. Wheeler . . . Traduction de M. Morlot . . . [Paris, 1882]

4 p. 23<sup>1</sup>/<sub>2</sub><sup>cm</sup>.

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**Wittmack, Ludewig i. e. Max Carl Ludewig.** Die reblaus. (Phylloxera vastatrix.) Im auftrage des Königlich preussischen ministeriums für die land-wirtschaftlichen angelegenheiten, bearb. von Dr. L. Wittmack . . . Berlin, E. Schotte & Voigt, 1875.

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25 p. illus. 22<sup>1</sup>/<sub>2</sub><sup>cm</sup>.

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30 p. illus. 23<sup>1</sup>/<sub>2</sub><sup>cm</sup>.

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**Wyneken, B.** Zwangs-versicherungs-genossenschaften der rebcultur-besitzer gegen den durch die reblaus (Phylloxera vastatrix) drohenden schaden. Vortrag gehalten zu Bonn in der section für weinbau der 46. generalversammlung des Land-wirtschaftlichen centralvereins für die Rheinprovinz, von B. Wyneken . . . Bonn, E. Strauss, 1878.

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**Ziel, B.** Das aufhören der reblaus und der anderen krankheiten in den weinbergen durch ein einfaches, leicht anzuwendendes mittel. Von B. Ziel . . . Coblenz, Commissions-verlag von F. Hölscher, 1894.

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#### ALEURODIDÆ.

**Bemis, Mrs. Florence Eugenie.** . . . The aleyrodids, or mealy-winged flies, of California, with references to other American species. By Florence E. Bemis . . . Washington, Gov't print. off., 1904.

1 p. l., 471-537 p. xxvii-xxxvii pl. 25<sup>cm</sup>.

From the Proceedings of the United States national museum, vol. xxvii.

**Quaintance, Altus Lacy.** Contributions toward a monograph of the American Aleurodidæ by A. L. Quaintance. The red spiders of the United States (Tetranychus and Stigmæus) by Nathan Banks. Washington, 1900.

79 p. illus., 8 pl. 23<sup>cm</sup>. (U. S. Agriculture, Dept. of—Entomology, Division of. Bulletin, tech. ser., 8)

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**Allen, W. J.** Red scale, and some remedies for the destruction of same . . . [Sydney, 1898]

618-620 p. pl. 24<sup>1</sup>/<sub>2</sub><sup>cm</sup>.

From the Agricultural gazette of New South Wales, vol. ix.

**Alwood, William Bradford.** . . . Circular in relation to some injurious insects and plant diseases . . . Lynchburg, Va., 1904.

25 p. illus. 23<sup>1</sup>/<sub>2</sub><sup>cm</sup>.

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**Alwood, William Bradford.** Inspection in relation to the suppression of the San Jose scale. [Rochester, 1897?]

25-33 p. 23<sup>cm</sup>.

From the Report of the 22d annual meeting of the American association of nurserymen, June 9-10, 1897.



**Atkinson, Edwin T.** On pests belonging to the homopterous family of Coccidæ, which attack tea, cinchona, and coffee trees . . . [Calcutta, 1886]

3 p. 23<sup>cm</sup>.

From Proceedings, Asiatic society of Bengal, for July, 1886.

**Berlese, Antonio.** . . . Le cocciniglie italiane viventi sugli agrumi . . . Avelino, Stab. tipog. E. Pergola, 1893-96.

3 pts. illus., 26 pl. (7 col., 2 fold.) 23<sup>cm</sup>.

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Imprint of pte. III: Firenze, Tipografia C. A. Materassi, 1896.

CONTENTS.—Pte. I. I Dactylopius. 1893.—Pte. II. I Lecanium. 1894.—Pte. III. I diaspidi. 1896.

**Berlese, Antonio.** Nota di A. Berlese e G. Leonardi, diagnosi di cocciniglie nuove. [Padova & Avellino, 1896]

[345]-352 p. illus. 23<sup>1</sup>/<sub>4</sub><sup>cm</sup>.

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**Blanchard, Raphael.** Les coccidés utiles par le Dr. Raphaël Blanchard . . . Meulan, Imprimerie de la Société zoologique de France, 1883.

116 p., 1 l. illus. 25<sup>1</sup>/<sub>4</sub><sup>cm</sup>.

"Extrait du Bulletin de la Société zoologique de France, t. VIII, 1883."

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**Bos, Jan Ritzema.** Bericht über die im auftrage des Königlich niederländischen ministeriums des innern wegen der San José-schildlaus angestellten nachforschungen. [Amsterdam, 1898]

63, [1] p. 23<sup>cm</sup>.

"Verzeichniss der wichtigsten litteratur über die San José-schildlaus chronologisch geordnet": p. 55-63.

**Bos, Jan Ritzema.** Verslag omtrent een onderzoek ingesteld naar de San José-schildluis. [Amsterdam, 1898]

45 p. 23<sup>1</sup>/<sub>4</sub><sup>cm</sup>.

"Overzicht van de belangrijkste literatuur over de San José schildluis, chronologisch gerangschikt : p. 39-44.

**Cape of Good Hope—Department of agriculture—Government entomologist.** Gas treatment for scale insects . . . Report to the Horticultural board by the Government entomologist . . . Cape Town, 1897.

29 p. illus., 2 pl. 24<sup>1</sup>/<sub>4</sub><sup>cm</sup>.

**Cockerell, Theodore Dru Alison.** . . . A check-list of the Coccidæ . . . [Springfield, Ill., 1896]

[318]-339 p. 23<sup>cm</sup>.

From Bulletin of the Illinois state laboratory of natural history. Vol. IV.

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**Cockerell, Theodore Dru Alison.** . . . A new scale-insect from Grenada . . . [Port-of-Spain] 1895.

1 p. 22<sup>cm</sup>.

Reprinted from the Journal of the Trinidad field naturalists' club, vol. II, no. 8, 1895.

**Cockerell, Theodore Dru Alison.** San José scale and its nearest allies; a brief consideration of the characters which distinguish these closely related injurious scale insects. Washington, 1897.

31 p. illus. 23<sup>cm</sup>. (U. S. Agriculture, Dept. of—Entomology, Division of. Bulletin, tech. ser., 6)

**Comstock, John Henry.** Report on scale insects. (U. S. Agriculture, Commissioner of. Annual report of the Commissioner . . . for the year 1880. Washington, 1881. p. 276-349)

**Cooke & son,** Natural history and habits of the codling moth. See under *Tortricidæ*.

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From the West American scientist, vol. VII, no. 53, September, 1890.

**Coquillett, Daniel William.** Report on remedies for the cottony cushion-scale. (U. S. Agriculture, Commissioner of. Report of the Commissioner . . . 1886. Washington, 1887. p. 552-557)

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**Douglas, John William.** Mealy bug at Alexandria (*Crossosoma ægyptiacum*, J. W. Douglas). [London, 1890]

94-97 p. illus. 24<sup>1</sup>/<sub>2</sub><sup>cm</sup>.

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"Table alphabétique des auteurs cités dans cet ouvrage": p. [517]—518.

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By A. E. Eaton and P. P. Calvert.

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From the Proceedings of the Linnean society of New South Wales, 1902, pt. 3, August 27th.

**Hudson, George Vernon.** New Zealand Neuroptera. A popular introduction to the life-histories and habits of may-flies, dragon-flies, caddis-flies, and allied insects inhabiting New Zealand, including notes on their relation to angling . . . By G. V. Hudson . . . London, West, Newman & co., 1904.

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**Jakobson, Georg Georg.** Прямокрылыя и ложнощитчатокрылыя. *See under* Orthoptera, p. 281.

**Kirby, William Forsell.** . . . List of the Neuroptera collected by Mr. E. E. Austen on the Amazons, etc., during the recent expeditions of Messrs. Siemens bros. cable S. S. "Faraday," with descriptions of several new species of Odonata (dragon-flies) . . . [London, 1897]

598-617 p. xii-xiii pl. 22<sup>cm</sup>.

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**Mabille, Jules.** Névroptères, par M. Jules Mabille. [Paris, 1888] Agr 3-1256  
9 p. col. pl. 28<sup>cm</sup>. ([Ministères de la marine et de l'instruction publique. Mission scientifique du Cap Horn. 1882-1883. Tome vi. Zoologie. Insectes])

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**McLachlan, Robert.** A catalogue of British Neuroptera. Comp. by Robert McLachlan . . . The Ephemeridæ by the Rev. A. E. Eaton, B. A. Pub. by the Entomological society of London. (Being part of a proposed general catalogue of the insects of the British Isles) London, Printed for the society, 1870.

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[149]-183 p. 22<sup>4</sup>cm.

Literature: p. 150-154.

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**Pictet, A. Édouard.** Synopsis des névroptères d'Espagne, par A. -Édouard Pictet. Genève, H. Georg; [etc., etc.] 1865.

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"Auteurs cités dans cet ouvrage": p. 7-8.

**Rostock, M.** Neuroptera germanica. Die netzflügler Deutschlands mit berücksichtigung auch einiger ausserdeutschen arten nach der analytischen methode unter mitwirkung von H. Kolbe bearb. von M. Rostock. Zwickau, Druck von R. Zückler, 1888.

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**Schøyen, Wilhelm Maribo.** Fortegnelse over de i Norge hidtil observerede Neuroptera Planipennia og Pseudo-neuroptera . . . Christiania, 1887.

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**Tümpel, R.** Die geradflügler Mitteleuropas. *See under* Orthoptera, p. 283.

[White, Adam] List of the specimens of British animals in the collection of the British museum. Pt. xiv. Nomenclature of Neuroptera. London, Printed by order of the trustees, 1853.

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## TERMITIDÆ.

**Banks, Nathan.** . . . Thysanura and Termitidæ . . . Washington, 1901.  
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**Baumann, Eugen.** Chemische untersuchung von bruchstücken eines von Hrn. Reuleaux aus Australien mitgebrachten ameisen- oder termitennestes . . . [Berlin, 1882]

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"Sitzungsberichte der Königlich preussischen akademie der wissenschaften zu Berlin. xx. 20. april 1882."

**Dudley, Plimmon Henry.** Note on Calotermes marginipennis, Latr. . . . [New York, 1889]

111-113 p. 23 $\frac{1}{2}$ <sup>cm</sup>.

From Journal of the New York microscopical society, v. 5, p. 111-113.

**Dudley, Plimmon Henry.** The termites of the isthmus of Panama . . . [New York, 1890]

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From the Journal of the New York microscopical society, vol. VI, no. 4.

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8 p. pl. 24 $\frac{1}{2}$ <sup>cm</sup>. (Dept. of agriculture, Sydney, New South Wales. Miscellaneous publication, no. 155)

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**Hagen, Hermann August.** Catalogue of the specimens of neuropterous insects in the collection of the British museum. By Dr. H. Hagen. Part I. Termitina. London, Printed by order of the trustees, 1858.

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[121]-124 p. 24<sup>cm</sup>.

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**Hubbard, Henry Guernsey.** . . . Notes on the tree nests of termites in Jamaica . . . [Boston, 1877]

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Extrait de: L'agriculture pratique des pays chauds.

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**Stokes, Alfred C.** The sense-organs on the legs of our white ants, *Termes flavipes*, Koll. . . . [New York, 1893]

273—276 p. 27<sup>1</sup>/<sub>2</sub> x 22<sup>1</sup>/<sub>2</sub><sup>cm</sup>.

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. . . **Termes taprobanes.** (White-ants.) <Dictionary of economic products, vol. vi., pt. 1, p. 434> White-ants as a pest of agriculture. A note by the settlement officer of Balaghat, Central Provinces, prefixed by certain passages, reprinted from the Indian museum notes, on termites in relation to crops, etc. . . . Calcutta, 1898.

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**Wasmann, Eric.** Die ameisen- und termitengäste von Brasilien. *See under* Myrmecophilous insects, p. 172.

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#### EMBIIDÆ.

**Hagen, Hermann August.** Psocinorum et embidinorum synopsis synonymica . . . [Wien, 1866]

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**Pictet, François Jules.** Histoire naturelle générale et particulière des insectes névroptères, par F.-J. Pictet . . . Famille des perlides. Genève, J. Kessmann; [etc., etc.] 1841.  
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**Joly, Nicolas.** Contributions à l'histoire naturelle et à l'anatomie des éphémérides; par le D<sup>r</sup> N. Joly . . . et É. Joly . . . [Montpellier, 1876]

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71-73 p. 24<sup>cm</sup>.

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3 pts. 14 pl. 29½<sup>cm</sup>.

Pt. I is Illustrated catalogue of the Museum of comparative zoölogy, at Harvard college. No. v.

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**Calvert, Philip Powell.** . . . A contribution to knowledge of the Odonata of Paraguay . . . Buenos Aires, 1899.

[25]-35 p. illus. 26½<sup>cm</sup>.

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- Calvert, Philip Powell.** . . . East African Odonata, collected by Doctor W. L. Abbott. By Philip Powell Calvert . . . Washington, Govt. print. off., 1895.  
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- Calvert, Philip Powell.** Neuropterous insects collected by Dr. A. Donaldson Smith in northeastern Africa . . . [Philadelphia, 1899]  
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**Sedgwick, Adam.** *Peripatus*, by Adam Sedgwick . . . (*In The Cambridge natural history*, ed. by S. F. Harmer and A. E. Shipley. London and New York, 1895. 23cm. v. 5, p. 1-26. illus., fold. map)

5-12146

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**Herbst, Johann Friedrich Wilhelm.** *Natursystem der ungeflügelten insekten.* Von Joh. Friedr. Wilh. Herbst. Berlin, Bei G. A. Lange, 1797-1800. Agr 3-189

4 pts. in 1 v. 23 col. pl. 30 $\frac{1}{2}$ cm.

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**Hermann, Johann Friedrich.** *Mémoire aptérologique*, par Jean-Frédéric Hermann . . . publié par Frédéric-Louis Hammer . . . Strasbourg, De l'imprimerie de F. G. Levraut, An XII (1804)

4 p. l., 144 p. IX col. pl. 43cm.

**Koch, Carl Ludwig.** *Die arachniden.* Getreu nach der natur abgebildet und beschrieben. Von C. L. Koch . . . Nürnberg, In der C. H. Zeh'schen buchhandlung, 1831-48.

Agr 4-3557-8

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**Koch, Carl Ludwig.** Verzeichniss der in den 16 bänden des werkes: Die arachniden von C. W. Hahn und C. L. Koch vorkommenden arten und synonyme. Nürnberg, J. L. Lotzbeck, 1849. Agr 4-3557-8  
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**Koch, Carl Ludwig.** Übersicht des arachnidenssystems, von C. L. Koch . . . Nürnberg, In der C. H. Zeh'schen buchhandlung, 1837-50.  
5 pts. in 7. 49 pl. (partly col.) 22<sup>cm</sup>.  
4.-5. hft. published by J. L. Lotzbeck.

**MacLeod, Julius.** . . . Recherches sur la structure et la signification de l'appareil respiratoire des arachnides . . . [Gand? 1884]  
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**Banks, Nathan.** . . . The Arachnida of Colorado . . . [New York, 1895]  
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From the Annals of the New York academy of sciences, vol. VIII.

**Banks, Nathan.** The Arachnida of Florida. Philadelphia, 1904.  
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From the Proceedings of the Academy of natural sciences of Philadelphia, January, 1904.

**Banks, Nathan.** Arachnida of the [Harriman] expedition. [N. Y., 1904]  
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**Banks, Nathan.** . . . Some Arachnida from New Mexico . . . [Philadelphia, 1901]  
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11-81 p. v pl. 24<sup>1/2</sup><sup>cm</sup>.  
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**Cragin, Francis Whittemore.** First contribution to a knowledge of the Arachnida of Kansas . . . [Topeka, Kan., 1885]  
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2 v. in 8 and atlas of CXXIII pl. 28<sup>1</sup>/<sub>2</sub><sup>cm</sup>.

Aggr 4-3559

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**Simon, Eugène.** Les arachnides de France, par Eugène Simon . . . Paris Librairie encyclopédique de Roret, 1874-[84]

v. 1-6, 7. illus., XXVII pl. 22<sup>cm</sup>.

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CONTENTS.—Tome 1. Contenant les familles des Epeiridae, Uloboridae, Dictynidae, Eryidae et Pholcidae. 1874.—tome 2. Contenant les familles des Uroctidae, Agelenidae, Thomisidae et Sparasidae. 1875.—tome 3. Contenant les familles des Attidae, Oxyopidae et Lycosidae. 1876.—tome 4. Contenant la famille des Drassidae. 1878.—tome 5. Contenant les familles des Epeiridae (supplément) et des Theridionidae. . . 1881-[84]—tome 7. Contenant les ordres des Chernetes, Scorpiones et Opiliones. 1879.

**Thorell, Tord Tamerlan Theod.** . . . Aracnidi artrogastri Birmani raccolti da L. Fea nel 1885-1887 . . . Genova, 1889.

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## FAMILIES.

## ARANEIDA.

**Atkinson, George Francis.** A new trap-door spider . . . [Chapel Hill, N. C., 1887]

16-26 p. xxiii-xxiv pl. 21cm.

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Agr 5-504

2 v. plates (partly col.) 32cm.

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Cover-titles: Biologia centrali-americana; or, Contributions to the knowledge of the fauna and flora of Mexico and Central America. Ed. by F. Ducane Godman and Osbert Salvin.

Aug. 1898-1905, ed. by F. Ducane Godman.

CONTENTS.—I. Araneidea, by the Rev. O. Pickard-Cambridge. 1889-1902.—II. Araneidea and Opiliones, by F. O. Pickard-Cambridge. 1897-1905.

**Blackwall, John.** A history of the spiders of Great Britain and Ireland. By John Blackwall . . . London, Published for the Ray society by R. Hardwicke, 1861-64.

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Paged continuously; pt. 1: vi, 173 p., 12 l.; pt. 2: 2 p. l., 175-384 p., 17 l.

**Camboué, Paul.** Aranéides utiles et nuisibles de Madagascar . . . [Paris, 1887]

10 p. 24<sup>cm</sup>.

"Extrait du Bulletin de la Société nationale d'acclimatation, mai 1887."

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Extrait de la Revue des questions scientifiques, octobre 1894.

**Cambridge, Frederick Octavius Pickard-.** Handbook to the study of British spiders. By Frederick O. Pickard-Cambridge, B. A. [n. p., 189-] Agr 4-3502

100 p., 1 l., 4 p. ill., vi pl. 21<sup>4</sup><sup>cm</sup>.

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**Cambridge, Octavius Pickard-.** On new and rare British spiders found in 1893; with rectification of synonyms . . . Dorchester, 1894.

1 p. l., [103]-116 p. pl. 21<sup>cm</sup>.

From "Proceedings" Dorset natural history and antiquarian field club, vol. xv, p. 103, 1894.

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423-442 p. xxix-xxxi pl. 22<sup>cm</sup>.

From Zoological society of London, Proceedings, 1882.

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"Litteratur-kürzungen": p. [vi]-viii.

## TARDIGRADA.

**Schultze, Karl August Sigismund.** Echiniscus Creplini, animalculum e familia Arctiscoidum, quod Friderico Christiano Henrico Creplino . . . sacra semi-sæcularia summorum artis honorum vigesimo septimo mensis Iulii die anni MDCCCXI ab ordine medicorum gryphico acceptorum ex ipsius ordinis mandato gratulabundus, dedicavit et descripsit Dr. Car. Aug. Sigism. Schultze . . . Gryphiæ, Typis F. G. Kunike Reg. Univ. typogr. [1861]

12 p. pl. 26 x 21<sup>cm</sup>.

**Shipley, Arthur Everett.** . . . An attempt to revise the family "Linguatulidæ" . . . Paris, 1898.

cover-title, [52]-80 p., 1 l. illus. 25<sup>cm</sup>.

"Literature:" p. 80.

"Extrait des Archives de parasitologie, I, n° 1, p. 52, année 1898."

**Stiles, Charles Wardell.** Bau- u. entwicklungsgeschichte v. Pentastomum proboscideum Rud. und Pentastomum subcylindricum Dies. . . Leipzig, 1891.

cover-title, [85]-167 p. VII-VIII fold pl. 23½<sup>cm</sup>.

"Litteraturverzeichnis"; p. 150-155.

Separat-abdruck aus: Zeitschrift für wissenschaftliche zoologie. LII. 1.

## SERIALS.

**L'Abeille**; journal d'entomologie fondé par S. de Marseul, 1864-1904. v. 1-30, no. 10. plates. 8° (v. 1-27, 12°) Paris [1864]-1904.

Vol. 1-26 ed. by S. A. de Marseul; v. 27-30 by Société entomologique de France.

Vol. 1-10, title reads: *L'Abeille; mémoires d'entomologie par M. S.-A. de Marseul . . . avec la collaboration de plusieurs membres de la Société entomologique de France et autres entomologistes distingués.*

**Algiers (Département)**—*Syndicat de défense contre le phylloxéra*. . . Bulletin officiel du Syndicat de défense contre le phylloxéra (loi du 28 juillet 1886) et revue de viticulture algérienne . . . [1.]-12. année. no. 1-56, 1887-1898. illus., plates. 8°. Alger, 1888-[98]

Wanting 9. année, no. 50-51.

At head of title: Département d'Alger.

1. année, title reads: . . . Bulletin officiel du Syndicat de défense contre le phylloxéra (loi du 28 juillet 1886)

**Allgemeine entomologische gesellschaft.** See *Allgemeine zeitschrift für entomologie*.

*Allgemeine zeitschrift für entomologie*; organ der "Allgemeinen entomologischen gesellschaft"; internationales organ für die interessen der allgemeinen und angewandten entomologie wie der insekten-biologie, April, 1896-Dec. 15, 1904. v. 1-9. illus. 4°. Neudamm [1896-1904]

Vol. 1-2, title reads: *Illustrierte wochenschrift für entomologie; internationales organ für alle interessen der insektenkunde; offizielles organ der Berliner entomologischen gesellschaft.*

Vol. 3-5, title reads: *Illustrierte zeitschrift für entomologie; internationales organ für die interessen der allgemeinen [etc.]*

Vol. 1-2 pub. weekly; v. 3-9 pub. semi-monthly.

Beginning with v. 10 (n. s. v. 1.) title reads: *Zeitschrift für wissenschaftliche insektenbiologie.*

**American entomological society, Philadelphia.** Proceedings of the Entomological society of Philadelphia. v. 1-6, 1861/3-66/7. illus., pl. (partly col.) 8°. Philadelphia, Printed by the Society, 1863-67. 3-1167

No more published. cf. v. 7, 1878/9 (app. p. 1) of the Society's Transactions.

For later series, see American entomological society, Philadelphia. Transactions.

**American entomological society, Philadelphia.** Transactions, June 1867-Aug. 1904. v. 1-30. illus. 8°. Philadelphia, 1867-1904.

For earlier series, see: American entomological society, Philadelphia. Proceedings.

Vol. 7-16, 1878-89, title reads: *Transactions of the American entomological society and Proceedings of the entomological section of the Academy of natural sciences.*

**American entomological society, Philadelphia.** *See also* **Practical entomologist.**

The **American entomologist**: an illustrated magazine of popular and practical entomology [monthly] . . . v. 1-2, Sept. 1868-Dec. 1870; v. 3 (2d ser. v. 1) Jan.-Dec. 1880. illus., col. pl. 4°. St. Louis, Mo., R. P. Studley & co., 1868-70; New-York, Hub pub. co., 1880. 3-26802

Title varies: 1868-Mar. 1870, The American entomologist . . . Apr.-Dec. 1870, The American entomologist and botanist . . . 1880, The American entomologist.

Editors: 1868-69, B. D. Walsh, C. V. Riley.—Jan.-Mar. 1870, C. V. Riley.—Apr.-Dec. 1870, C. V. Riley, George Vasey.—1880, C. V. Riley.

Publication suspended from 1871-79 inclusive.

Ceased publication with Dec. 1880.

**Archiv der insectengeschichte.** 8 hfte. 50 pl. 8°. Zürich [1781-86]

No more published. Ed. by J. C. Füessly.

**Association of economic entomologists.** Proceedings of 1st-16th annual meeting, 1889-1904. illus., plates. 8°. Washington, 1889-1904.

(U. S. Agriculture, Dept. of—Entomology, Division of. Insect life. v. 2, pp. 177-184; v. 3, pp. 180-250; v. 4, pp. 4-73; v. 5, pp. 67-130; v. 6, pp. 61-201; v. 7, pp. 55-215; Bulletin, new ser., 2, 6, 9, 17, 29, 26, 31, 37, 40, 46.)

**Assurance mutuelle contre le phylloxéra—Commission administrative.** . . . Rapport de la Commission administrative sur l'exercice 1883, 1888. 12°. Neuchâtel, 1884-89.

**Beiträge zu der insecten-geschichte**, hrsg. von Ludwig Gottlieb Scriba . . . 1.-[3.] hft. 4 p. l., 68, [2], [69]-194, [2], 195-280 p. xviii col. pl. 8°. Frankfurt, Varrentrapp und Wenner, 1790-93.

No more published.

**Beiträge zur entomologie**, besonders in bezug auf die schlesische fauna verfasst und hrsg. von den mitgliedern der Entomologischen section der Schlesischen gesellschaft für vaterländische kultur. 1. hft. vi p., 1 l., [5], 226 p. 17 pl. (2 col.) 8°. Breslau, In commission bei L. Voss in Leipzig, 1829. Agr 4-199

Ed. by J. L. C. Gravenhorst.

No more published.

**Belgium. Société entomologique de Belgique.** *See* **Société entomologique de Belgique.**

**Bericht über die wissenschaftlichen leistungen im gebiete der entomologie während des jahres 1838-95, 1897-1901**, 1. hälfte, 1902. 8°. Berlin, 1840-1903.

Generally published as part of *Archiv für naturgeschichte* and also of *Deutsche entomologische zeitschrift*.

**Berlin, Entomologischer verein in.** *See* **Berliner entomologische zeitschrift**; *also* **Deutsche entomologische zeitschrift.**

**Berliner entomologische zeitschrift** (1875-80, *Deutsche entomologische zeitschrift*); hrsg. von dem Entomologischen verein in Berlin, 1857-Aug. 1902. v. 1-47, hft. 2. illus. 8°. Berlin, 1857-1902.

Vol. 19-24, 1875-80, published under the title: *Deutsche entomologische zeitschrift*.

Since 1881 there have been two periodicals, the *Deutsche entomologische zeitschrift*, and the *Berliner entomologische zeitschrift*, each claiming to be the continuation of the original one.

Vol. 7 contains index v. 1-6, 1857-62; v. 12 contains index v. 7-12, 1863-68; v. 24 contains index v. 19-24, 1875-80.

**Bohemia. České společnosti entomologické.** *See* **Česke společnosti entomologické.**

**Bohemia. Societas entomologica Bohemiæ.** *See* **České společnosti entomologické.**

**Breslau, Verein für schlesische insectenkunde in.** Fest-schrift zur feier des fünfzigjährigen bestehens des Vereins . . . 1847-97. 141 p. 4°. Breslau, 1897.

**Breslau, Verein für schlesische insectenkunde in.** *See also* **Zeitschrift für entomologie.**

**Brooklyn entomological society.** See *Entomologica americana*.

**Brussels. Société entomologique de Belgique.** See *Société entomologique de Belgique*.

**Bulletin d'insectologie agricole, journal mensuel de la Société centrale d'apiculture et d'insectologie; entomologie appliquée, 1875-Jan. 1890.** v. 1-15, no. 1. illus. 8°. Paris, 1876-[90]

**Calcutta. Indian museum.** See *Indian museum, Calcutta*.

**Cambridge entomological club.** Annual reports for 1882. 32°. Cambridge, Mass., 1883.

**Cambridge entomological club.** See also *Psyche*.

**Canada—Central experimental farm—Entomologist and botanist.** Report, 1887-1903. illus. 8°. Ottawa, 1888-1904.

From the Annual report on the Experimental farms, 1887-1903.

For earlier reports see *Canada—Agriculture, Dept. of—Entomologist*. Report.

**Canada—Dept. of agriculture—Entomologist.** Report, [1st-2d] 1884-85. 4°. [Ottawa, 1884-85]

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**Canada, Entomological society of.** See *Entomological society of Canada*.

**Canadian entomologist, Aug. 1, 1868-Dec. 1904.** v. 1-36. illus. 8°. Toronto and London, Ont., 1869-1904.

Vol. 1-5, v. 18, no. 10-v. 36, ed. by C. J. S. Bethune; v. 6-18, no. 9, ed. by William Saunders.

**Cape of Good Hope—Dept. of agriculture—Government entomologist.** Report . . . for . . . 1895-June, 1904. plates. 8°. Cape Town, 1896-1905.

1896 in Dutch.

For earlier report, see *Cape of Good Hope—Dept. of lands, mines and agriculture—Entomological adviser*.

**Cape of Good Hope—Dept. of lands, mines and agriculture—Entomological adviser.** Report, 1892. f°. [n. p., 1893?]

For later reports, see *Cape of Good Hope—Dept. of agriculture—Government entomologist*.

**Carpenter, George Herbert.** Injurious insects and other animals observed in Ireland during . . . 1891-1903. 8°. [Dublin, 1892]-1904.

1891-1900, title reads: Report on economic entomology for . . . 1891-1900.

1901, title reads: Injurious insects observed in Ireland.

1891-1900 reprinted from the Report of the Council of the Royal Dublin society.

1901-03 are v. 1, pt. 3, no. 5; v. 1, pt. 4, no. 9; v. 1, pt. 5, no. 12 of the *Economic proceedings of the Royal Dublin society*.

**České společnosti entomologické.** Časopis, 1904. v. 1. illus. 8°. Praze [1904]

Has also Latin title: *Acta Societatis entomologicae Bohemicae*.

**Cistula entomologica, Oct. 15, 1869-Nov. 30, 1885.** v. 1-3, no. 29 (no. 1-29) pl. 8°. London, 1869-[85]

**City of London entomological and natural history society.** See *London. City of London entomological and natural history society*.

**Coleopterologische hefte.** Hrsg. unter mitwirkung mehrerer fachgenossen von E. von Harold. 16 nos. in 3 v. 2 col. pl. 8°. München, C. Merhoff's verlag, 1867-79.

— Inhalts-verzeichniss zu den Coleopterologischen heften i-xiv, zusammengestellt von B. Wagener. lxi, [1] p. 8° [n. p., 1876] [*Wüh Coleopterologische hefte*. no. xiv-xvi. München, 1875-79]

**Coleopterorum** novitates, recueil spécialement consacré à l'étude des coléoptères. Tome 1, 1. livr. 48 p. 11 col. pl. 8°. Rennes, R. Oberthür [1883]  
No more published.

**Colorado biological association.** Bulletin. no. 1. 8°. Washington, D. C., 1890.

**Connecticut—Entomologist.** Report, 1st-3d, 1901-03. pl. 8°. New Haven, 1902-03. (Connecticut—Agricultural experiment station. Report for the year 1901. pt. 3; 1902, pt. 2; 1903, pt. 3)

**Copenhagen. Entomologisk forening.** See **Entomologiske meddelelser.**

**Correspondenz-blatt** des Entomologischen vereins "Iris" zu Dresden. See **Deutsche entomologische zeitschrift** hrsg. von der Gesellschaft Iris zu Dresden.

**Cyprus—Government.** . . . Report on the locust campaign of 1884, 1891-92, 1897. f°. London, 1884-97.

**Deutsche entomologische zeitschrift**; hrsg. von der Deutschen entomologischen gesellschaft, 1857-99, no. 3, 1st half; 1900, no. 1-2; 1901, no. 1-2; 1902, no. 1-2; 1903, no. 1-2; 1904, no. 1-2. 8°. pl. Berlin, 1857-1904.

1857-87 are numbered v. 1-31.

Vol. 1-19, 1857-75, published under the title: **Berliner entomologische zeitschrift.**

Since 1881 there have been two periodicals, the **Deutsche entomologische zeitschrift**, and the **Berliner entomologische zeitschrift**, each claiming to be the continuation of the original periodical.

Vol. 24, 1880, contains index v. 19-24, 1857-80; 1892 contains index 1887-92.

Hft. 3 of each jahrg. is **Bericht über die wissenschaftliche leistung im gebiete der entomologie.**

**Deutsche entomologische zeitschrift** hrsg. von der gesellschaft Iris zu Dresden in verbindung mit der Deutschen entomologischen gesellschaft zu Berlin; lepidopterologische hefte, 1884-1900. v. 1-13. plates. 8°. Berlin, 1884-99.

Vol. 1, 1884-88, title reads: **Correspondenz-blatt des Entomologischen vereins "Iris" zu Dresden.**

**Dresden, Gesellschaft Iris zu.** See **Deutsche entomologische zeitschrift** hrsg. von der Gesellschaft Iris zu Dresden.

**Entomologica americana**; a monthly journal of entomology. Pub. by the Brooklyn entomological society, Apr. 1885-Dec. 1890. v. 1-6. illus., plates. 8°. [Brooklyn, N. Y., 1885-90] 3-26805

Formed by the union of the Bulletin of the Brooklyn entomological society, and Papilio.

Editors: 1885-Mar. 1886, J. B. Smith.—Apr. 1886-Mar. 1887, J. B. Smith, G. D. Hulst.—Apr. 1887-Apr. 1889, G. D. Hulst, C. H. Roberts.—May 1889-Dec. 1890, J. B. Smith, F. H. Chittenden.

No more published.

**Entomological magazine** [quarterly] Sept. 1832-Oct. 1838. v. 1-5. illus., plates. 8°. London, 1833-38.

For later series, see **Entomologist.**

**Entomological news** [monthly] Jan. 1890-Dec. 1904. v. 1-15. 8°. Philadelphia, 1890-1904.

Vol. 1-5, 10-15, title reads: Entomological news and proceedings of the Entomological section of the Academy of natural sciences of Philadelphia.

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**Entomological society of London.** See **London, Entomological society of.**

**Entomological society of New South Wales, Sydney.** The transactions of the Entomological society of New South Wales [1863-73] v. 1-2. plates. 8°. Sydney, 1866-73. 2-24548

Each volume is in 5 pts.: v. 1, 1863-66; v. 2, 1867-73.

No more published.

**Entomological society of Ontario.** See **Ontario, Entomological society of.**

**Entomological society of Philadelphia.** See **American entomological society, Philadelphia.**

**Entomological society of Washington.** See **Washington [D. C.] Entomological society.**

**Entomologische blätter** aus der Schweiz, Apr. 1871-Apr. 1872. hft. 1-2. 24, 36 p. 8°. Zürich, Selbstverlag des verfassers [1871-72] 4-10097

K. Dietrich, editor.  
No more published.

**Entomologische litteraturblätter.** Repertorium der neuesten arbeiten auf dem gesamtgebiet der entomologie [monthly] . . . 1901-04. v. 1, no. 1-7, 9-12; v. 2, no. 2, 4-12; v. 3, no. 1-4, 6-12; v. 4, no. 1-4, 6-12. 8°. Berlin [1901-04]

Hrsg. von R. Friedländer & sohn.

**Entomologische monatsblätter**, Jan. 1876-Dec. 1880. v. 1-2. 8°. Berlin, 1876-80. Vol. 1 published as *Deutsche entomologische zeitschrift*, v. 20, no. 3; v. 2 published with v. 24, 1880, of same periodical, and bound with that volume.

**Entomologische nachrichten**, Jan. 1, 1879-Dec. 15, 1882, Jan. 1884-Dec. 1900. v. 5-8, 10-26. illus., plates. 8°. Berlin, etc., 1879-1900.

Vol. 5-8 ed. by F. Katter; v. 10-26 ed. by F. Karsch.

**Entomologische zeitung**, hrsg. von dem Entomologischen vereine zu Stettin, Jan. 1840-Oct. 1904. v. 1-65. illus. 8° (v. 1-14, 12°) Stettin, 1840-1904.

For earlier series, see *Stettin, Entomologischer verein zu. Jahresbericht*.

1876-1904, cover-title reads: *Stettiner entomologische zeitung*.

— *Repertorium der 23 ersten jahrgänge*, von 1840-1862. 172 p. 8° Stettin, 1862.

— — — 1863-70. 74 p. 8°. Stettin [187-]

— — — 1871-78. 120 p. 8°. Stettin, 1878.

— — — 1879-86. 91 p. 8° Stettin, 1886.

**Entomologischer verein in Berlin.** See *Berliner entomologische zeitschrift*; also *Deutsche entomologische zeitschrift*.

**Entomologischer verein "Iris" zu Dresden.** See *Deutsche entomologische zeitschrift* hrsg. von der Gesellschaft Iris zu Dresden.

**Entomologischer verein zu Stettin.** See *Stettin, Entomologischer verein zu*.

**Entomologisk forening, Copenhagen.** See *Entomologiske meddelelser*.

**Entomologisk tidskrift** utgifven af Entomologiska föreningen i Stockholm, 1880-1904. v. 1-25. illus. 8°. Stockholm, 1880-1904.

Vol. 1-10 title reads: *Entomologisk tidskrift på föranstaltande af Entomologiska föreningen i Stockholm* utgifven af Jacob Spångberg.

— *Alfabetisk register* årg. 1-10, 1880-89. 66 p. 8°. Stockholm, 1890.

**Entomologiska föreningen i Stockholm.** See *Entomologisk tidskrift*.

**Entomologiske meddelelser**, udgivne af Entomologisk forening, 1895-May 1903. v. 5; ser. 2, v. 1-2, no. 2. 8°. Kjøbenhavn, 1895-1904.

**The Entomologist**, an illustrated journal of general entomology [monthly] May 1864-Dec. 1904. v. 2-37. illus., plates. 8°. London, 1865-1904.

Vol. 5-7, incomplete.

For earlier series see *Entomological magazine*.

Vol. 2-9, title reads: *Entomologist*; v. 10-13, title reads: *Entomologist, an illustrated journal of British entomology*.

Vol. 2-8 ed. by Edward Newman; v. 10-22 ed. by John Carrington; v. 23-37 ed. by Richard South.

**L'entomologiste genevois**; journal mensuel d'entomologie pure et appliquée, Jan.-Dec. 1889. v. 1. 8°. [Peney-Genève, 1889]

**Entomologist's annual** for 1855-71. plates. 16°. London, 1855-71.

1855 is Ed. 2.

**Entomologist's monthly magazine**, June 1864-Dec. 1904. v. 1-40 (ser. 2, v. 15) illus., plates. 8°. London, 1864-1904. 6-2228

**Entomologist's record and journal of variation** [monthly] April 15, 1890-Dec. 15, 1904. v. 1-16. plates. 8°. [London, 1890-1904]

Wanting v. 14, no. 9; complete special index, v. 1, 6, 8-12.

Ed. by J. W. Tutt.

**Entomologist's** weekly intelligencer, Apr. 1856–Sept. 21, 1861. v. 1–10. illus. 8°. London [1856]–61.

Publication suspended Oct. 1856–Mar. 1857, and in its place was issued the *Substitute*, q. v.

**Finland**—*Landbrukstyrelse* See **Reuter, Enzo**. Berättelse öfver skadeinsekters uppträdande i Finland.

**Fitch, Asa**. First [–fourteenth] report on the noxious, beneficial and other insects, of the State of New York. Made to the State agricultural society, pursuant to an appropriation for this purpose from the Legislature of the state. By Asa Fitch . . . illus., plates. 8°. Albany, 1856–[70]

Originally published in "Transactions of the New York state agricultural society," vol. xiv, p. 705–880; vol. xv, p. 409–559; vol. xvi, p. 315–490; vol. xvii, p. 637–753, vol. xviii, p. 781–854; vol. xx, p. 745–868; vol. xxi, p. 813–859; vol. xxii, p. 657–691; vol. xxiii, p. 778–823; vol. xxiv, p. 433–461; vol. xxvi, p. 487–543; vol. xxvii, p. 889–932; vol. xxix, p. 495–566; vol. xxx, p. 355–381.

1st–11th reports reprinted in 4 volumes, grouped as follows: 1st and 2d; 3d, 4th and 5th; 6th, 7th, 8th and 9th; 10th and 11th. Each volume has separate title page and index and consecutive paging.

**Florence. Reale stazione di entomologia agraria.** . . . Relazione intorno ai lavori della R. Stazione di entomologia agraria di Firenze per gli anni 1876–85. illus. 8°. Roma [etc.] 1878–88. (Ministero di agricoltura, industria e commercio. Direzione generale dell' agricoltura. Annali di agricoltura. 1878, vol. 1: 1879, num. 9; 1884, num. 89; 1888, num. 146)

By Ad. Targioni Tozzetti.

**Florence. Reale stazione di entomologia agraria.** Nuove relazioni intorno ai lavori. ser. 1, no. 1–6. illus. 8°. Firenze, 1899–1903.

**Florence. Reale stazione di entomologia agraria di Firenze.** See also "**Redia**."

**France**—*Ministère de l'agriculture—Direction de l'agriculture.* . . . Compte rendu des travaux du service du phylloxéra . . . Rapports et pièces annexes, lois, décrets, arrêtés et circulaires ministérielles relatifs au phylloxéra. Années 1878–1809. maps. 4°. Paris [1879]–1900.

Wanting Années 1884, 1886, 1888–89.

At head of title: Ministère de l'agriculture. Direction de l'agriculture.

1878–81, title reads: . . . Commission supérieure du phylloxéra. Compte rendu et pièces annexes. Lois, décrets et arrêtés relatifs au phylloxéra.

**France, Société entomologique de.** See **Société entomologique de France**.

**Le Frelon**; journal d'entomologie descriptive exclusivement consacré à l'étude des coléoptères d'Europe et des pays voisins, Apr. 1891–Sept. 3, 1904. année 1–12. 8°. Chateauroux [1891–1904]

Vol. 5 contains index v. 1–5.

**Friedländer, R., & sohn, pub.** See **Entomologische literaturblätter**.

**Georgia**—*State board of entomology.* Bulletin, Apr. 1899–Nov. 1904. no. 1–14. illus. 8°. Atlanta, 1899–1904.

**Gesellschaft Iris zu Dresden.** See **Deutsche entomologische zeitschrift** hrsg. von der Gesellschaft Iris zu Dresden.

**Harrisburg. Pennsylvania silk convention, 1839.** See **Pennsylvania silk convention, Harrisburg, 1839**.

**Hawaii**—*Entomologist.* Report of entomologist [Albert Koebele] 1894, 1896–97. 8°. Honolulu, 1894–97.

From the Biennial report of the Minister of the interior.

**Hungary**—*Königl. Ungar. Ackerbauminister.* . . . Jelentés a Filloxeraügy állásáról Magyarországon az 1872–1893-ik években . . . illus., maps, tables. 8°–f°. Budapest [1881]–95.

Added title in French: *Rapport sur le phylloxéra en Hongrie pendant les années 1872–1893*.

1872–82, text and title in French only. 1883–93, main text in Hungarian with added summary in French.



**Hungary**—*Königl. Ungar. Ackerbauminister.* Jelentés az országos phylloxera-kísérleti állomás 1884-ik évi működéséről. Gróf Széchényi Pál, földmivelés-, ipar- és kereskedelemügyi m. kir. miniszter úr ö nagyméltóságának; benyújtotta Dr. Horváth Géza . . . iv. évfolyam. 1884 . . . pl. 8°-4°. Budapest, 1885.

**Illinois**—*State entomologist.* Bulletin. no. 1-4. 8°. Springfield & Champaign, 1887-[1917]

— — — no. 1. 2d ed. 8°. Springfield, Ill., 1887.

**Illinois**—*State entomologist.* Report of the Illinois state entomologist concerning operations under the horticultural inspection act. October 31, 1900. 30 p. 8°. Springfield, Ill., Phillips bros., state printers, 1900.

**Illinois**—*State entomologist.* First[-twenty-second] report of the State entomologist on the noxious and beneficial insects of the state of Illinois . . . illus., plates. 8°. Chicago [etc.] 1868-1903.

12th-14th wanting in separate form.

A 2d ed. of 1st report pub. in Bloomington in 1903. 1st report has title: *First annual report on the noxious insects of the state of Illinois.* By Benj. D. Walsh . . . From the appendix to the Transactions of the Illinois state horticultural society. Chicago, 1868. [2d]-[4th] reports have title: *First* [-third] annual report of the noxious insects of the state of Illinois. By William Le Baron . . . 1871-73. [5th] report has title: *Fourth annual report on the noxious and beneficial insects of the state of Illinois.* By William Le Baron . . . 1874. 6th report has title: *Sixth report of the State entomologist (Walsh, 1, Le Baron, 4, Thomas, 1) on the noxious and beneficial insects of the state of Illinois.* The first biennial report by Cyrus Thomas . . . 7th-11th reports have titles: *Seventh* [-eleventh] report of the State entomologist . . . on the noxious and beneficial insects of the state of Illinois. Second[-sixth] annual report by Cyrus Thomas. 1878-82. 12th-14th have title: *Twelfth* [-fourteenth] report of the State entomologist on the noxious and beneficial insects of the state of Illinois. First[-third] annual report of S. A. Forbes for the year 1882-[84]

In place of an annual report for 1885, a collection of essays entitled: "*Miscellaneous essays on economic entomology by the State entomologist and his entomological assistants*" was published as an appendix to the Transactions of the Department of agriculture . . . of Illinois for . . . 1885. After 1884 reports were not published annually.

15th-22d reports have titles: *Fifteenth* [-twenty-second] report of the State entomologist on the noxious and beneficial insects of the state of Illinois. Fourth[-eleventh] report of S. A. Forbes. 1889-1903.

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**Illustrierte wochenschrift für entomologie.** See **Allgemeine zeitschrift für entomologie.**

**Illustrierte zeitschrift für entomologie.** See **Allgemeine zeitschrift für entomologie.**

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**Insect world,** a monthly magazine, Jan. 15, 1898-Dec. 15, 1904. v. 2-8. plates. 8°. Gifu, Japan [1898-1904]

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**Internationaler entomologenverein.** See *Societas entomologica*.

**Iris.** See *Deutsche entomologische zeitschrift* hrsg. von der Gesellschaft Iris zu Dresden.

**Italy.** *Società entomologica italiana.* See *Società entomologica italiana*.

**Jahrbücher der insectenkunde**, mit besonderer rücksicht auf die sammlung im Königl. Museum zu Berlin, hrsg. von Dr. Fr. Klug . . . 1. bd. viii, 296 p. 11 col. pl. 12°. Berlin, T. C. F. Enslin, 1834.

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Vol. 1, ed. by E. F. Germar; v. 2-4, ed. by E. F. Germar and J. L. T. F. Zincken, genannt Sommer. No more published.

**Magazin für die liebhaber der entomologie.** 2 v. illus. 8°. Zürich, 1778-79.

Ed. by J. C. Füessly.

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No more published.

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**New York entomological club.** See **Papilio.**

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**Nickerl, Ottokar.** Bericht über die im jahre 1879[–80, 1885, 1890] der landwirthschaft Böhmens schädlichen insecten, von Dr. O. Nickerl. 8°. Prag, 1880–91.

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**Norway—Statsentomolog.** See **Schøyen, W. M.** Beretning om skadein-sekter.

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**Ormerod, Eleanor Anne.** Observations of injurious insects and common farm pests during the year [1877]–1900, with methods of prevention and remedy. By Eleanor A. Ormerod . . . fronts. (incl. 2 port.) illus., plates. 8°. London, Simpkin, Marshall, Hamilton, Kent & co., ltd., 1878–1901.

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Imprint of 3d report: Salem, Naturalists' agency, 1873.

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No more published.

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**Pennsylvania silk convention, Harrisburg.** Proceedings of the Pennsylvania silk convention held at Harrisburg on the 22d and 23d days of February 1839. Printed by order of the Senate, March 26, 1839. 36 p. 21<sup>cm</sup>. Harrisburg, Printed by E. Guyer, 1839.

**Petites nouvelles entomologiques** [semi-monthly] July 1, 1869-Mar. 15, 1879. v. 1-2 (années 1-11) f°. Paris, 1869-79.

United in 1881 with *Le naturaliste*.

**Philadelphia, Entomological society of.** See **American entomological society, Philadelphia.**

**Le Phylloxéra;** comités d'étude et de vigilance; rapports et documents, 1877-1879. vol. I-III. 11 fasc. maps. 8°. Paris, 1877-79.

**Portugal.**—*Comissão central anti-phyloxerica do norte.* Relatorio annual da comissão central anti-phyloxerica do norte. 1882-1883. 4°. Porto, 1883. (*On cover:* Ministerio das obras publicas, commercio e industria. Collecção de documentos officiaes, memorias e noticias ácerca da agricultura. Publicação official. No. 4)

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**Portugal.**—*Comissão central da phyloxera.* . . . Relatorio dos trabalhos da comissão central da phyloxera em 1880-1881, por M. C. Rodrigues de Moraes. maps. f°. Lisboa, 1881-82. (Ministerio das obras publicas, commercio e industria; collecção de documentos officiaes, memorias e noticias ácerca da agricultura. Publicação official. No. 2-3)

**Portugal.**—*Comissão central dos serviços phyloxericos* . . . Administração. 1880-1881. Relatorio annual, pelo visconde de Villar d'Allen. plates, plan. 4°. Porto, 1881.

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Caption title: *The Practical entomologist. A monthly bulletin, pub. by the Entomological society of Philadelphia . . . [later "American entomological society"]*

Vol. 1, E. T. Cresson A. R. Grote, J. W. McAllister, publication committee and editors, R. D. Walsh, associate editor. v. 2, B. D. Walsh, editor.

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**Prague.** *České společnosti entomologické.* See *České společnosti entomologické.*

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**Reale stazione di entomologia agraria di Firenze.** See **Florence. Reale stazione di entomologia agraria di Firenze.**

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Ed. by Antonio Berlese.

**Reuter, Enzo.** Berättelse öfver skadeinsekters uppträdande i Finland under åren 1894-1903. no. [1]-9. 8°. Helsingfors, 1895-1904. (Finland—Landbruksstyrelse. Landbruksstyrelsens meddelanden. no. 7, 21, 23, 26, 32, 35, 39, 45, 47)

no. [1] report for 1894, title reads: Berättelse öfver med understöd af landbruksstyrelsen sommaren 1894 värkställda undersökningar beträffande ängsmasken och andra skadeinsekter.

**Revue coléoptérologique publiée par Constant van den Branden [monthly] Feb.-May, 1882. année 1, no. 1-4. 4°. Bruxelles, Berlin, 1882.**

**Revue d'entomologie; publiée par la Société française d'entomologie [monthly] Jan. 1882-Dec. 1904. v. 1-22. plates. 8°. Caen, 1882-1904.**

Vol. 10 contains index v. 1-10.

**Revue entomologique, publiée par Gustave Silbermann. 5 v. plates. 8°. Strasbourg, 1833-37.**

**Revue russe d'entomologie. 1901-04, no. 5. v. 1-4, no. 5. illus. 8°. Jaroslavl, 1901-04.**

Title-page in Russian and French.

**Riley, Charles Valentine.** First [-ninth] annual report on the noxious, beneficial and other insects, of the state of Missouri, made to the State board of agriculture, pursuant to an appropriation for this purpose from the Legislature of the state. By Charles V. Riley, state entomologist. 9 nos. in 3 v. illus. 8°. Jefferson City, Mo., 1869-77.

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**Rovartani lapok, havi folyóirat különös tekintettel a hasznos és kártékony rovarokra, Jan. 1884-Dec. 1885; Jan.-Dec. 1897; Jan. 1899-Dec. 1904. v. 1-2, 4, 6-11. illus., plates. 8°. Budapest, 1884-[1904]**

**Royal Dublin society.** See **Carpenter, G. H.** Injurious insects.

**Russia. Societas entomologica Rossica.** See **Societas entomologica Rossica.**

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**Salatiga, Java. Proefstation voor cacao. Bulletin. no. 1-3, 5-8, 10. illus. 8°. Semarang-Soerabaia & Malang, 1901-04.**

No. 6 is Jaarverslag 1902/1903.

No. 2-3, 5, overgedrukt uit de Nieuwe gids, III, aflev. 11 en 12, maart 1902; IV, aflev. 2 en 3, juni 1902; IV, aflev. en 12, april 1903.

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**Schøyen, Wilhelm Maribo.** Beretning om skadeinsekter og plantesygdomme i 1891-1903. Af W. M. Schøyen, statsentomolog. illus. 8°. Christiania [1892]-1903. 1891, title reads: Indberetning fra landbrugsentomologen om de i aaret 1891 modtagne forespørgsler og anstillede undersøgelser angaaende skadeinsekter og plantesygdomme.

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**Sherman, Franklin.** See *North Carolina—Department of agriculture—Division of entomology.*

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**Societas entomologica Bohemiæ.** See *České společnosti entomologické.*

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— Ukazatel soobshchennîi sdîlannykh na obshchikh sobraniâch Russkago entomologicheskago obshchestva za 35 lîet ego sushchestvovaniâ. 1859–94. 58 p. 8°. St. Petersburg, 1899.

Index to communications made at the general sessions of the Russian entomological society for 35 years of its existence.

**Société centrale d'apiculture et d'insectologie.** See *Bulletin d'insectologie agricole.*

**Société entomologique de Belgique.** *Annales.* v. 1–48, no. 12. plates. 8°. Bruxelles, 1857–1904.

— Tables générales des Annales . . . 1–30. 81 p. 8°. Bruxelles, 1887.

**Société entomologique de Belgique.** xxv<sup>e</sup> anniversaire de la Société entomologique de Belgique. Assemblée générale extraordinaire convoquée pour la commémoration de la fondation de la Société. 16 octobre 1880. 14 p. 8°. Bruxelles, 1880.

**Société entomologique de Belgique.** *Mémoires.* v. 1–11. 8°. Bruxelles, 1892–1903.

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— Tables générales . . . 1832–60. 739 p. 8°. Paris, 1867.

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**Société entomologique suisse.** See *Schweizerische entomologische gesellschaft.*

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**Société impériale des naturalistes de Moscou.** See *Moscow. Société impériale des naturalistes de Moscou.*

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